

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011193.D
 Acq On : 29 Oct 2022 06:32
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 29 07:28:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

11/01/2022
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	123491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	225221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	228259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118443	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	91845	71.927	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.860%	
35) Dibromofluoromethane	7.716	113	84087	60.712	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.420%	
50) Toluene-d8	10.179	98	310670	56.619	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.240%	
62) 4-Bromofluorobenzene	12.483	95	112011	62.388	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 124.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21465	34.442	ug/l	98
3) Chloromethane	2.113	50	38279	48.264	ug/l	97
4) Vinyl Chloride	2.253	62	37152	38.162	ug/l	96
5) Bromomethane	2.650	94	36626	57.931	ug/l	99
6) Chloroethane	2.796	64	32833	48.912	ug/l	100
7) Trichlorofluoromethane	3.125	101	63958	36.642	ug/l	88
8) Diethyl Ether	3.528	74	39912	63.476	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.899	101	43341	39.319	ug/l	93
10) Methyl Iodide	4.095	142	57660	47.746	ug/l	93
11) Tert butyl alcohol	4.942	59	43448	353.452	ug/l	98
12) 1,1-Dichloroethene	3.869	96	39211	39.526	ug/l	82
13) Acrolein	3.729	56	23949	298.627	ug/l	99
14) Allyl chloride	4.479	41	72250	46.905	ug/l #	87
15) Acrylonitrile	5.161	53	128229	369.572	ug/l	97
16) Acetone	3.948	43	91338	292.350	ug/l #	84
17) Carbon Disulfide	4.192	76	92756	41.603	ug/l	98
18) Methyl Acetate	4.473	43	60660	74.268	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	198845	67.907	ug/l	98
20) Methylene Chloride	4.716	84	95387	77.716	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	54805	48.184	ug/l	83
22) Diisopropyl ether	6.119	45	239715	67.690	ug/l #	92
23) Vinyl Acetate	6.058	43	739599	367.352	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	120882	55.248	ug/l	99
25) 2-Butanone	6.984	43	150263	335.522	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	80205	41.017	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	78105	56.679	ug/l	86
28) Bromochloromethane	7.332	49	72102	72.170	ug/l	87
29) Tetrahydrofuran	7.344	42	101359	379.859	ug/l #	85
30) Chloroform	7.509	83	136906	59.601	ug/l	99
31) Cyclohexane	7.789	56	59127	36.126	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	93279	47.728	ug/l	96
36) 1,1-Dichloropropene	7.917	75	69695	38.599	ug/l	99
37) Ethyl Acetate	7.076	43	68334	66.889	ug/l #	93
38) Carbon Tetrachloride	7.899	117	76680	38.989	ug/l	95
39) Methylcyclohexane	9.185	83	64362	31.946	ug/l	93
40) Benzene	8.161	78	263056	48.662	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011193.D
 Acq On : 29 Oct 2022 06:32
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Oct 29 07:28:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.307	41	35342	66.198	ug/l	#	40
42) 1,2-Dichloroethane	8.234	62	93675	60.905	ug/l		91
43) Isopropyl Acetate	8.271	43	117039	64.250	ug/l	#	89
44) Trichloroethene	8.941	130	65669	45.199	ug/l		95
45) 1,2-Dichloropropane	9.216	63	79528	55.889	ug/l		94
46) Dibromomethane	9.307	93	48943	61.529	ug/l		95
47) Bromodichloromethane	9.496	83	115597	58.807	ug/l		100
48) Methyl methacrylate	9.289	41	53371	65.731	ug/l	#	79
49) 1,4-Dioxane	9.295	88	14158	1289.571	ug/l	#	90
51) 4-Methyl-2-Pentanone	10.069	43	355873	346.490	ug/l	#	87
52) Toluene	10.246	92	167588	49.527	ug/l		97
53) t-1,3-Dichloropropene	10.465	75	114963	58.331	ug/l		100
54) cis-1,3-Dichloropropene	9.929	75	126333	56.550	ug/l	#	81
55) 1,1,2-Trichloroethane	10.642	97	74180	62.654	ug/l		98
56) Ethyl methacrylate	10.508	69	96607	64.836	ug/l	#	75
57) 1,3-Dichloropropane	10.788	76	123467	62.475	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.783	63	226366	311.416	ug/l		98
59) 2-Hexanone	10.831	43	241098	340.133	ug/l		85
60) Dibromochloromethane	10.984	129	88093	62.926	ug/l		100
61) 1,2-Dibromoethane	11.087	107	69429	64.604	ug/l		99
64) Tetrachloroethene	10.715	164	65713	41.723	ug/l		97
65) Chlorobenzene	11.514	112	200153	47.621	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.587	131	83953	51.479	ug/l		98
67) Ethyl Benzene	11.593	91	316032	43.041	ug/l		98
68) m/p-Xylenes	11.703	106	249820	89.271	ug/l		95
69) o-Xylene	12.026	106	126325	47.330	ug/l		94
70) Styrene	12.044	104	234001	51.300	ug/l		95
71) Bromoform	12.209	173	58640	58.682	ug/l	#	99
73) Isopropylbenzene	12.331	105	305525	39.508	ug/l		99
74) N-amyl acetate	12.142	43	102726	54.115	ug/l	#	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	93298	55.299	ug/l		99
76) 1,2,3-Trichloropropane	12.630	75	68300m	55.464	ug/l		
77) Bromobenzene	12.605	156	87659	48.195	ug/l		98
78) n-propylbenzene	12.672	91	372640	39.624	ug/l		100
79) 2-Chlorotoluene	12.758	91	234320	43.563	ug/l		99
80) 1,3,5-Trimethylbenzene	12.812	105	277380	42.571	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.380	75	28429	49.028	ug/l		86
82) 4-Chlorotoluene	12.855	91	248661	44.564	ug/l		99
83) tert-Butylbenzene	13.075	119	226010	39.737	ug/l		93
84) 1,2,4-Trimethylbenzene	13.117	105	287310	44.797	ug/l		99
85) sec-Butylbenzene	13.251	105	321814	37.841	ug/l		99
86) p-Isopropyltoluene	13.367	119	277535	39.724	ug/l		98
87) 1,3-Dichlorobenzene	13.367	146	167946	45.484	ug/l		99
88) 1,4-Dichlorobenzene	13.447	146	170168	46.065	ug/l		99
89) n-Butylbenzene	13.696	91	244714	37.499	ug/l		100
90) Hexachloroethane	13.959	117	59982	41.098	ug/l		89
91) 1,2-Dichlorobenzene	13.739	146	162695	48.981	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14991	55.194	ug/l		85
93) 1,2,4-Trichlorobenzene	15.007	180	88548	46.583	ug/l		99
94) Hexachlorobutadiene	15.111	225	41604	36.242	ug/l		98
95) Naphthalene	15.233	128	202044	47.707	ug/l		98
96) 1,2,3-Trichlorobenzene	15.422	180	81574	49.297	ug/l		99

11/01/2022

Supervised By :Mahesh
 Dadoda

11/01/2022

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
Data File : VY011193.D
Acq On : 29 Oct 2022 06:32
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Oct 29 07:28:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 23:42:14 2022
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

~~11/01/2022~~
Supervised By :Mahesh
Dadoda

~~11/01/2022~~

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011193.D
 Acq On : 29 Oct 2022 06:32
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 29 07:28:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

11/01/2022
 Supervised By :Mahesh
 Dadoda

