

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011144.D
 Acq On : 27 Oct 2022 17:12
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 28 00:47:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	214979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	342126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	315065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85667	43.260	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.520%		
35) Dibromofluoromethane	7.716	113	92214	48.279	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.560%		
50) Toluene-d8	10.179	98	305189	42.722	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	85.440%		
62) 4-Bromofluorobenzene	12.477	95	119440	47.018	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	61322	43.003	ug/l	98
3) Chloromethane	2.113	50	82195	40.177	ug/l	97
4) Vinyl Chloride	2.247	62	96325	41.541	ug/l	99
5) Bromomethane	2.643	94	65963	41.130	ug/l	99
6) Chloroethane	2.790	64	68467	44.186	ug/l	95
7) Trichlorofluoromethane	3.119	101	164220	48.386	ug/l	95
8) Diethyl Ether	3.527	74	61261	48.370	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	106536	50.044	ug/l	93
10) Methyl Iodide	4.088	142	115676	44.406	ug/l	92
11) Tert butyl alcohol	4.954	59	61979	280.685	ug/l	98
12) 1,1-Dichloroethene	3.869	96	92813	45.512	ug/l	84
13) Acrolein	3.723	56	56526	177.063	ug/l	99
14) Allyl chloride	4.478	41	146230	45.216	ug/l #	87
15) Acrylonitrile	5.155	53	175157	265.317	ug/l	98
16) Acetone	3.942	43	155276	270.014	ug/l #	87
17) Carbon Disulfide	4.192	76	221726	37.087	ug/l	99
18) Methyl Acetate	4.472	43	82117	50.806	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	296392	52.018	ug/l	100
20) Methylene Chloride	4.710	84	148049	60.388	ug/l #	85
21) trans-1,2-Dichloroethene	5.216	96	108851	47.280	ug/l	89
22) Diisopropyl ether	6.112	45	366568	52.925	ug/l	93
23) Vinyl Acetate	6.057	43	1112503	268.605	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	216595	51.794	ug/l	99
25) 2-Butanone	6.984	43	228958	262.537	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	189771	51.103	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	134797	50.802	ug/l	89
28) Bromochloromethane	7.332	49	80054	53.740	ug/l	88
29) Tetrahydrofuran	7.344	42	139587	260.153	ug/l #	86
30) Chloroform	7.502	83	226460	53.721	ug/l	98
31) Cyclohexane	7.783	56	160104	42.250	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	191499	51.681	ug/l	95
36) 1,1-Dichloropropene	7.917	75	155403	48.794	ug/l	98
37) Ethyl Acetate	7.069	43	93766	53.176	ug/l #	93
38) Carbon Tetrachloride	7.899	117	171348	52.119	ug/l	96
39) Methylcyclohexane	9.179	83	177797	46.609	ug/l	92
40) Benzene	8.155	78	470979	50.400	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011144.D
 Acq On : 27 Oct 2022 17:12
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 28 00:47:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	45540m	47.659	ug/l	
42) 1,2-Dichloroethane	8.234	62	134999	52.137	ug/l	91
43) Isopropyl Acetate	8.270	43	166023	52.698	ug/l #	89
44) Trichloroethene	8.935	130	126026	49.766	ug/l	93
45) 1,2-Dichloropropane	9.209	63	126252	53.248	ug/l	96
46) Dibromomethane	9.301	93	70353	53.200	ug/l	96
47) Bromodichloromethane	9.496	83	176739	55.460	ug/l	98
48) Methyl methacrylate	9.289	41	75043	53.223	ug/l #	79
49) 1,4-Dioxane	9.295	88	21039	1107.302	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	486999	277.179	ug/l #	88
52) Toluene	10.240	92	302117	52.040	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	179467	54.209	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	200852	53.016	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	105952	55.538	ug/l	98
56) Ethyl methacrylate	10.508	69	140563	55.475	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	177072	53.984	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	337962	268.252	ug/l	98
59) 2-Hexanone	10.831	43	342188	283.527	ug/l	85
60) Dibromochloromethane	10.983	129	126542	55.782	ug/l	99
61) 1,2-Dibromoethane	11.087	107	96184	52.648	ug/l	99
64) Tetrachloroethene	10.715	164	123442	50.331	ug/l	97
65) Chlorobenzene	11.514	112	333033	51.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	129887	54.251	ug/l	97
67) Ethyl Benzene	11.593	91	596108	52.092	ug/l	100
68) m/p-Xylenes	11.703	106	456772	103.762	ug/l	94
69) o-Xylene	12.026	106	218460	52.263	ug/l	95
70) Styrene	12.038	104	381013	53.794	ug/l	95
71) Bromoform	12.203	173	81134	54.909	ug/l #	99
73) Isopropylbenzene	12.325	105	594437	50.084	ug/l	100
74) N-amyl acetate	12.142	43	149569	49.669	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	125720	50.472	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	89851m	48.445	ug/l	
77) Bromobenzene	12.605	156	137894	49.704	ug/l	99
78) n-propylbenzene	12.666	91	724582	50.177	ug/l	99
79) 2-Chlorotoluene	12.751	91	405798	49.899	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	501706	50.663	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	43888	50.893	ug/l #	85
82) 4-Chlorotoluene	12.849	91	417067	49.256	ug/l	99
83) tert-Butylbenzene	13.075	119	444453	51.902	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	498047	51.003	ug/l	99
85) sec-Butylbenzene	13.251	105	662310	51.470	ug/l	100
86) p-Isopropyltoluene	13.367	119	548380	51.370	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	276985	50.026	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	272907	49.572	ug/l	98
89) n-Butylbenzene	13.696	91	515576	51.685	ug/l	100
90) Hexachloroethane	13.958	117	109102	51.787	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	250761	50.620	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20527	49.842	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	150110	50.702	ug/l	99
94) Hexachlorobutadiene	15.105	225	88741	50.922	ug/l	97
95) Naphthalene	15.233	128	314084	52.092	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	131871	51.056	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
Data File : VY011144.D
Acq On : 27 Oct 2022 17:12
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 28 00:47:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

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

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

