

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120222\
 Data File : VY011685.D
 Acq On : 02 Dec 2022 15:58
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 23:53:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	181261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	281926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	260955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	98985	53.781	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.560%			
35) Dibromofluoromethane	7.716	113	93650	53.961	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.920%			
50) Toluene-d8	10.179	98	318660	50.527	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.060%			
62) 4-Bromofluorobenzene	12.477	95	127099	54.507	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	45492	46.120	ug/l	100
3) Chloromethane	2.113	50	65604	41.847	ug/l	96
4) Vinyl Chloride	2.247	62	73716	35.956	ug/l	96
5) Bromomethane	2.644	94	54263	40.719	ug/l	96
6) Chloroethane	2.790	64	54204	37.894	ug/l	100
7) Trichlorofluoromethane	3.125	101	138817	46.161	ug/l	97
8) Diethyl Ether	3.527	74	52202	53.710	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	82455	47.417	ug/l	96
10) Methyl Iodide	4.088	142	99864	49.291	ug/l	97
11) Tert butyl alcohol	4.948	59	66377	344.224	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	76077	47.760	ug/l	87
13) Acrolein	3.729	56	10456	215.455	ug/l	97
14) Allyl chloride	4.479	41	137187	49.060	ug/l	92
15) Acrylonitrile	5.155	53	157472	296.633	ug/l	99
16) Acetone	3.942	43	184164	308.052	ug/l	93
17) Carbon Disulfide	4.192	76	191856	43.458	ug/l	100
18) Methyl Acetate	4.472	43	76789	55.846	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	264669	58.219	ug/l	97
20) Methylene Chloride	4.710	84	120407	54.847	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	89629	48.692	ug/l	92
22) Diisopropyl ether	6.112	45	320221	52.462	ug/l	96
23) Vinyl Acetate	6.058	43	1018140	286.352	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	177995	49.666	ug/l	99
25) 2-Butanone	6.984	43	234633	298.635	ug/l	91
26) 2,2-Dichloropropane	6.978	77	165290	49.972	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	112520	51.923	ug/l	92
28) Bromochloromethane	7.332	49	69144	48.025	ug/l	91
29) Tetrahydrofuran	7.344	42	130591	294.320	ug/l	90
30) Chloroform	7.502	83	191966	51.651	ug/l	100
31) Cyclohexane	7.783	56	134919	44.226	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	165092	49.656	ug/l	97
36) 1,1-Dichloropropene	7.917	75	128100	47.220	ug/l	98
37) Ethyl Acetate	7.070	43	86390	55.924	ug/l #	95
38) Carbon Tetrachloride	7.899	117	149528	49.266	ug/l	97
39) Methylcyclohexane	9.185	83	144151	47.615	ug/l	92
40) Benzene	8.161	78	393220	49.760	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120222\
 Data File : VY011685.D
 Acq On : 02 Dec 2022 15:58
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 23:53:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	41604m	53.266	ug/l	
42) 1,2-Dichloroethane	8.234	62	128877	52.733	ug/l	95
43) Isopropyl Acetate	8.271	43	153445	55.062	ug/l #	92
44) Trichloroethene	8.935	130	105156	49.457	ug/l	94
45) 1,2-Dichloropropane	9.215	63	104324	51.648	ug/l	97
46) Dibromomethane	9.301	93	59863	53.004	ug/l	96
47) Bromodichloromethane	9.490	83	150561	52.924	ug/l	98
48) Methyl methacrylate	9.289	41	70258	56.760	ug/l #	87
49) 1,4-Dioxane	9.295	88	18383	1314.320	ug/l	87
51) 4-Methyl-2-Pentanone	10.069	43	454790	293.572	ug/l	92
52) Toluene	10.240	92	250919	50.212	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	152482	53.621	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	168148	52.561	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	87642	54.240	ug/l	99
56) Ethyl methacrylate	10.508	69	120291	59.859	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	146480	53.528	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	282467	287.003	ug/l	96
59) 2-Hexanone	10.831	43	338132	305.816	ug/l	91
60) Dibromochloromethane	10.983	129	107842	54.461	ug/l	100
61) 1,2-Dibromoethane	11.087	107	78991	53.558	ug/l	99
64) Tetrachloroethene	10.715	164	107297	49.896	ug/l	96
65) Chlorobenzene	11.514	112	272057	49.787	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	107938	52.116	ug/l	99
67) Ethyl Benzene	11.593	91	496176	50.289	ug/l	99
68) m/p-Xylenes	11.703	106	378235	100.705	ug/l	97
69) o-Xylene	12.026	106	182348	52.147	ug/l	97
70) Styrene	12.044	104	317283	53.155	ug/l	97
71) Bromoform	12.203	173	69891	55.469	ug/l #	97
73) Isopropylbenzene	12.325	105	485862	49.434	ug/l	100
74) N-amyl acetate	12.142	43	132736	54.689	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	100689	51.989	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	75836m	51.817	ug/l	
77) Bromobenzene	12.605	156	114990	50.105	ug/l	98
78) n-propylbenzene	12.666	91	588721	49.098	ug/l	99
79) 2-Chlorotoluene	12.758	91	334134	49.440	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	416103	50.224	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	37018	55.402	ug/l	90
82) 4-Chlorotoluene	12.855	91	347438	49.166	ug/l	99
83) tert-Butylbenzene	13.075	119	363133	50.321	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	416452	50.894	ug/l	99
85) sec-Butylbenzene	13.251	105	528668	49.100	ug/l	100
86) p-Isopropyltoluene	13.367	119	447315	49.779	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	229130	49.046	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	226663	48.521	ug/l	99
89) n-Butylbenzene	13.696	91	412506	49.937	ug/l	100
90) Hexachloroethane	13.959	117	86194	47.500	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	207325	50.064	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17919	56.417	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	123572	53.798	ug/l	99
94) Hexachlorobutadiene	15.111	225	74390	52.101	ug/l	98
95) Naphthalene	15.233	128	262797	54.207	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	110270	56.018	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120222\
Data File : VY011685.D
Acq On : 02 Dec 2022 15:58
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 23:53:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

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\VY120222\
 Data File : VY011685.D
 Acq On : 02 Dec 2022 15:58
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 02 23:53:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022

