

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111822\
 Data File : VD074996.D
 Acq On : 18 Nov 2022 18:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 18 22:06:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	128035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	215709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	198352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	94891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	46011	54.632	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.260%			
35) Dibromofluoromethane	7.810	113	59341	44.627	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.260%			
50) Toluene-d8	10.269	98	215582	49.219	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.440%			
62) 4-Bromofluorobenzene	12.575	95	70509	52.424	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.840%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	42404	49.520	ug/l	99
3) Chloromethane	2.146	50	68920	51.467	ug/l	96
4) Vinyl Chloride	2.287	62	88455	49.271	ug/l	98
5) Bromomethane	2.693	94	74725	55.535	ug/l	100
6) Chloroethane	2.840	64	68103	51.657	ug/l	99
7) Trichlorofluoromethane	3.175	101	109894	53.724	ug/l	99
8) Diethyl Ether	3.593	74	30244	51.569	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	72250	55.349	ug/l	98
10) Methyl Iodide	4.169	142	87757	55.908	ug/l	99
11) Tert butyl alcohol	5.052	59	13360	213.931	ug/l	99
12) 1,1-Dichloroethene	3.946	96	70150	55.171	ug/l	94
13) Acrolein	3.799	56	9235	260.252	ug/l	100
14) Allyl chloride	4.569	41	72854	53.567	ug/l	98
15) Acrylonitrile	5.258	53	55951	244.126	ug/l	99
16) Acetone	4.022	43	55694	263.498	ug/l	98
17) Carbon Disulfide	4.275	76	177552	49.087	ug/l	99
18) Methyl Acetate	4.563	43	28182	51.129	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	117113	46.006	ug/l	97
20) Methylene Chloride	4.805	84	101072	58.605	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	68920	47.799	ug/l	98
22) Diisopropyl ether	6.216	45	149705	49.385	ug/l	95
23) Vinyl Acetate	6.157	43	270258m	207.721	ug/l	
24) 1,1-Dichloroethane	6.116	63	108338	47.857	ug/l	98
25) 2-Butanone	7.087	43	61982	224.251	ug/l	96
26) 2,2-Dichloropropane	7.081	77	98159	46.139	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	78280	48.937	ug/l	98
28) Bromochloromethane	7.428	49	36237	49.616	ug/l	97
29) Tetrahydrofuran	7.446	42	34085	222.790	ug/l	98
30) Chloroform	7.599	83	123647	49.873	ug/l	99
31) Cyclohexane	7.881	56	83221	44.584	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	104742	49.022	ug/l	97
36) 1,1-Dichloropropene	8.010	75	86805	44.419	ug/l	99
37) Ethyl Acetate	7.169	43	24952	38.051	ug/l	96
38) Carbon Tetrachloride	7.993	117	80843	43.948	ug/l	99
39) Methylcyclohexane	9.275	83	101161	48.320	ug/l	95
40) Benzene	8.251	78	266785	47.477	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111822\
 Data File : VD074996.D
 Acq On : 18 Nov 2022 18:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 18 22:06:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	15639	44.966	ug/l	92
42) 1,2-Dichloroethane	8.328	62	63905	47.520	ug/l	100
43) Isopropyl Acetate	8.363	43	50017	43.307	ug/l	99
44) Trichloroethene	9.028	130	75673	50.973	ug/l	96
45) 1,2-Dichloropropane	9.304	63	63751	50.492	ug/l	95
46) Dibromomethane	9.398	93	35507	50.215	ug/l	94
47) Bromodichloromethane	9.587	83	90894	51.795	ug/l	94
48) Methyl methacrylate	9.381	41	24180	47.262	ug/l	98
49) 1,4-Dioxane	9.387	88	6425	925.993	ug/l	99
51) 4-Methyl-2-Pentanone	10.163	43	133991	243.355	ug/l	97
52) Toluene	10.334	92	179963	53.564	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	76907	49.610	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	96743	50.887	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	50929	51.799	ug/l	96
56) Ethyl methacrylate	10.598	69	53620	45.393	ug/l	98
57) 1,3-Dichloropropane	10.881	76	80450	50.895	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	87012	212.556	ug/l	98
59) 2-Hexanone	10.922	43	94633	246.548	ug/l	100
60) Dibromochloromethane	11.075	129	61330	52.582	ug/l	99
61) 1,2-Dibromoethane	11.181	107	47463	51.617	ug/l	99
64) Tetrachloroethene	10.810	164	65027	48.896	ug/l	92
65) Chlorobenzene	11.610	112	194005	49.998	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	69612	51.202	ug/l	98
67) Ethyl Benzene	11.687	91	342468	50.660	ug/l	98
68) m/p-Xylenes	11.798	106	274884	101.984	ug/l	99
69) o-Xylene	12.122	106	127564	51.441	ug/l	96
70) Styrene	12.140	104	223209	52.510	ug/l	98
71) Bromoform	12.304	173	34276	48.714	ug/l #	95
73) Isopropylbenzene	12.422	105	338916	51.891	ug/l	100
74) N-amyl acetate	12.234	43	47277	43.995	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	54488	47.164	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	32132m	40.485	ug/l	
77) Bromobenzene	12.704	156	77470	50.686	ug/l	96
78) n-propylbenzene	12.763	91	417848	52.047	ug/l	99
79) 2-Chlorotoluene	12.851	91	222472	51.429	ug/l	99
80) 1,3,5-Trimethylbenzene	12.910	105	285259	52.417	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.475	75	13619	42.213	ug/l	96
82) 4-Chlorotoluene	12.951	91	230960	51.270	ug/l	99
83) tert-Butylbenzene	13.169	119	242657	51.388	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	282900	52.561	ug/l	99
85) sec-Butylbenzene	13.345	105	375426	52.268	ug/l	100
86) p-Isopropyltoluene	13.463	119	315705	52.859	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	161021	50.645	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	156508	49.598	ug/l	99
89) n-Butylbenzene	13.792	91	291598	52.587	ug/l	99
90) Hexachloroethane	14.057	117	54813	51.241	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	137732	50.942	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7298	45.818	ug/l	87
93) 1,2,4-Trichlorobenzene	15.104	180	80749	49.065	ug/l	97
94) Hexachlorobutadiene	15.210	225	43316	51.025	ug/l	99
95) Naphthalene	15.333	128	142299	46.585	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	68262	47.963	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111822\
Data File : VD074996.D
Acq On : 18 Nov 2022 18:19
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 18 22:06:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
Response via : Initial Calibration

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

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

