

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040622\
 Data File : VD072544.D
 Acq On : 06 Apr 2022 11:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 07 01:09:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	410381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	677453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	625052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	317055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	238969	48.137	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.280%		
35) Dibromofluoromethane	7.914	113	254643	48.367	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.740%		
50) Toluene-d8	10.332	98	854958	46.717	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.440%		
62) 4-Bromofluorobenzene	12.620	95	330522	46.245	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	161295	49.524	ug/l	97
3) Chloromethane	2.209	50	168734	56.012	ug/l	99
4) Vinyl Chloride	2.350	62	181876	52.479	ug/l	97
5) Bromomethane	2.768	94	125706	54.152	ug/l	96
6) Chloroethane	2.921	64	124833	56.262	ug/l	100
7) Trichlorofluoromethane	3.274	101	390703	55.268	ug/l	98
8) Diethyl Ether	3.715	74	112705	53.648	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.097	101	249816	52.987	ug/l	96
10) Methyl Iodide	4.303	142	218866	49.817	ug/l	99
11) Tert butyl alcohol	5.215	59	64686	246.739	ug/l #	94
12) 1,1-Dichloroethene	4.068	96	207408	56.270	ug/l	88
13) Acrolein	3.926	56	20723	178.127	ug/l	99
14) Allyl chloride	4.715	41	338347	52.223	ug/l #	92
15) Acrylonitrile	5.420	53	276750	263.414	ug/l	97
16) Acetone	4.150	43	243068	262.581	ug/l	90
17) Carbon Disulfide	4.415	76	414035	51.730	ug/l	98
18) Methyl Acetate	4.721	43	119258	45.730	ug/l #	89
19) Methyl tert-butyl Ether	5.479	73	576673	53.602	ug/l	99
20) Methylene Chloride	4.968	84	288207	52.298	ug/l #	84
21) trans-1,2-Dichloroethene	5.473	96	234461	52.083	ug/l	90
22) Diisopropyl ether	6.362	45	813734	54.948	ug/l #	92
23) Vinyl Acetate	6.303	43	2122898	266.103	ug/l #	91
24) 1,1-Dichloroethane	6.262	63	482845	54.107	ug/l	100
25) 2-Butanone	7.209	43	342288	267.360	ug/l #	89
26) 2,2-Dichloropropane	7.209	77	426360	53.790	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	307176	54.888	ug/l	90
28) Bromochloromethane	7.544	49	202553	52.974	ug/l #	79
29) Tetrahydrofuran	7.562	42	207084	267.916	ug/l	89
30) Chloroform	7.709	83	533616	53.157	ug/l	99
31) Cyclohexane	7.985	56	353825	54.508	ug/l	87
32) 1,1,1-Trichloroethane	7.903	97	461606	54.216	ug/l	97
36) 1,1-Dichloropropene	8.109	75	347263	51.579	ug/l	95
37) Ethyl Acetate	7.291	43	146142	52.387	ug/l #	92
38) Carbon Tetrachloride	8.097	117	397445	54.797	ug/l	99
39) Methylcyclohexane	9.350	83	401723	51.197	ug/l	97
40) Benzene	8.344	78	1022590	55.616	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040622\
 Data File : VD072544.D
 Acq On : 06 Apr 2022 11:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 07 01:09:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	76425m	46.981	ug/l	
42) 1,2-Dichloroethane	8.420	62	312476	55.601	ug/l	96
43) Isopropyl Acetate	8.450	43	292854	54.728	ug/l #	92
44) Trichloroethene	9.109	130	282675	54.153	ug/l	95
45) 1,2-Dichloropropane	9.385	63	276096	53.981	ug/l	97
46) Dibromomethane	9.467	93	146135	54.458	ug/l	95
47) Bromodichloromethane	9.656	83	412505	53.508	ug/l #	97
48) Methyl methacrylate	9.450	41	148060	56.992	ug/l #	87
49) 1,4-Dioxane	9.456	88	33822	1059.559	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	774975	269.908	ug/l	93
52) Toluene	10.397	92	673854	55.167	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	372075	55.386	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	437401	55.070	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	220283	54.148	ug/l	98
56) Ethyl methacrylate	10.656	69	260663	52.060	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	357985	53.228	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	520171	258.988	ug/l	94
59) 2-Hexanone	10.973	43	530769	271.839	ug/l	91
60) Dibromochloromethane	11.132	129	276807	52.748	ug/l	100
61) 1,2-Dibromoethane	11.238	107	198429	54.936	ug/l	98
64) Tetrachloroethene	10.867	164	221318	54.194	ug/l	97
65) Chlorobenzene	11.661	112	746711	53.433	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	295327	52.859	ug/l	98
67) Ethyl Benzene	11.738	91	1341891	55.031	ug/l	99
68) m/p-Xylenes	11.844	106	1029802	111.320	ug/l	100
69) o-Xylene	12.173	106	492024	55.125	ug/l	97
70) Styrene	12.185	104	869243	55.259	ug/l	98
71) Bromoform	12.350	173	152740	51.569	ug/l #	99
73) Isopropylbenzene	12.467	105	1364220	53.278	ug/l	99
74) N-amyl acetate	12.279	43	270202	50.293	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	238109	49.094	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	181249m	52.414	ug/l	
77) Bromobenzene	12.750	156	299305	52.151	ug/l	93
78) n-propylbenzene	12.808	91	1639710	53.082	ug/l	98
79) 2-Chlorotoluene	12.897	91	944395	52.278	ug/l	97
80) 1,3,5-Trimethylbenzene	12.950	105	1141780	52.065	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	74124	52.599	ug/l	89
82) 4-Chlorotoluene	12.997	91	972920	51.712	ug/l	99
83) tert-Butylbenzene	13.208	119	1004782	52.925	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	1130344	52.710	ug/l	99
85) sec-Butylbenzene	13.391	105	1490531	52.122	ug/l	99
86) p-Isopropyltoluene	13.502	119	1229899	52.617	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	603490	50.746	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	605671	50.531	ug/l	100
89) n-Butylbenzene	13.832	91	1166651	52.394	ug/l	99
90) Hexachloroethane	14.097	117	245976	51.405	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	533903	50.901	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	35869	50.007	ug/l	87
93) 1,2,4-Trichlorobenzene	15.144	180	338954	52.134	ug/l	99
94) Hexachlorobutadiene	15.249	225	186549	51.224	ug/l	98
95) Naphthalene	15.385	128	622402	49.267	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	291029	51.287	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040622\
Data File : VD072544.D
Acq On : 06 Apr 2022 11:45
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 04/07/2022
Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 07 01:09:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 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_D\Data\VD040622\
Data File : VD072544.D
Acq On : 06 Apr 2022 11:45
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 04/07/2022
Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 07 01:09:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

