

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070984.D
 Acq On : 11 Nov 2021 11:40
 Operator : VA/SY
 Sample : VD1111SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 07:58:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	294976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	511396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	468705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	211397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	147843	47.074	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.140%		
35) Dibromofluoromethane	7.908	113	139242	48.252	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.500%		
50) Toluene-d8	10.332	98	529645	46.867	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.740%		
62) 4-Bromofluorobenzene	12.626	95	188088	46.224	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	51679	20.506	ug/l	93
3) Chloromethane	2.209	50	62681	20.901	ug/l	100
4) Vinyl Chloride	2.350	62	65315	22.646	ug/l	97
5) Bromomethane	2.756	94	46392	23.599	ug/l	94
6) Chloroethane	2.915	64	42180	22.771	ug/l	96
7) Trichlorofluoromethane	3.267	101	87788	18.913	ug/l	97
8) Diethyl Ether	3.703	74	25280	16.457	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.091	101	51483	17.994	ug/l	96
10) Methyl Iodide	4.303	142	47520	18.239	ug/l	99
11) Tert butyl alcohol	5.226	59	18226	79.407	ug/l	99
12) 1,1-Dichloroethene	4.067	96	50707	18.103	ug/l	90
13) Acrolein	3.920	56	7427	102.712	ug/l #	57
14) Allyl chloride	4.714	41	100358	17.201	ug/l #	84
15) Acrylonitrile	5.420	53	61422	83.560	ug/l	94
16) Acetone	4.156	43	49730	73.787	ug/l	94
17) Carbon Disulfide	4.409	76	158842	17.563	ug/l	97
18) Methyl Acetate	4.714	43	46440	17.236	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	125497	17.355	ug/l	96
20) Methylene Chloride	4.962	84	67441	18.621	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	56292	17.534	ug/l	88
22) Diisopropyl ether	6.361	45	200065	17.249	ug/l	98
23) Vinyl Acetate	6.303	43	459413	88.962	ug/l	100
24) 1,1-Dichloroethane	6.261	63	111305	17.967	ug/l	98
25) 2-Butanone	7.214	43	82716	89.686	ug/l	91
26) 2,2-Dichloropropane	7.208	77	90754	17.358	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	62797	17.111	ug/l	88
28) Bromochloromethane	7.544	49	53878	20.504	ug/l	89
29) Tetrahydrofuran	7.561	42	54331	85.142	ug/l	92
30) Chloroform	7.708	83	105352	17.886	ug/l	94
31) Cyclohexane	7.985	56	111419	17.251	ug/l #	92
32) 1,1,1-Trichloroethane	7.903	97	91144	18.017	ug/l	95
36) 1,1-Dichloropropene	8.108	75	83124	18.205	ug/l	97
37) Ethyl Acetate	7.291	43	36239	17.396	ug/l #	94
38) Carbon Tetrachloride	8.091	117	78836	18.749	ug/l	98
39) Methylcyclohexane	9.350	83	106139	17.999	ug/l	98
40) Benzene	8.350	78	228638	17.781	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070984.D
 Acq On : 11 Nov 2021 11:40
 Operator : VA/SY
 Sample : VD1111SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD01

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 07:58:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	21876	16.849	ug/l #	81
42) 1,2-Dichloroethane	8.420	62	67966	18.661	ug/l	96
43) Isopropyl Acetate	8.450	43	74991	17.010	ug/l #	89
44) Trichloroethene	9.108	130	59289	17.888	ug/l	92
45) 1,2-Dichloropropane	9.385	63	60457	17.385	ug/l	97
46) Dibromomethane	9.473	93	29399	17.761	ug/l	96
47) Bromodichloromethane	9.655	83	79312	18.115	ug/l	98
48) Methyl methacrylate	9.450	41	37307	17.250	ug/l #	84
49) 1,4-Dioxane	9.455	88	6679	348.257	ug/l #	74
51) 4-Methyl-2-Pentanone	10.220	43	186912	87.448	ug/l	92
52) Toluene	10.397	92	142545	17.586	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	77835	17.630	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	90634	17.409	ug/l #	83
55) 1,1,2-Trichloroethane	10.796	97	39531	17.376	ug/l	96
56) Ethyl methacrylate	10.655	69	54230	16.848	ug/l #	73
57) 1,3-Dichloropropane	10.938	76	73327	17.749	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	175521	104.890	ug/l	100
59) 2-Hexanone	10.979	43	127247	87.213	ug/l	89
60) Dibromochloromethane	11.132	129	49424	18.109	ug/l	99
61) 1,2-Dibromoethane	11.238	107	39282	17.751	ug/l	100
64) Tetrachloroethene	10.867	164	49227	18.011	ug/l	91
65) Chlorobenzene	11.661	112	146775	17.551	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	53217	17.929	ug/l	99
67) Ethyl Benzene	11.738	91	279968	17.678	ug/l	99
68) m/p-Xylenes	11.843	106	210691	35.595	ug/l	96
69) o-Xylene	12.173	106	100066	17.773	ug/l	96
70) Styrene	12.185	104	168808	17.708	ug/l	97
71) Bromoform	12.349	173	27399	17.701	ug/l #	97
73) Isopropylbenzene	12.473	105	268319	17.619	ug/l	100
74) N-amyl acetate	12.279	43	72824	16.738	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	45529	17.369	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	34681m	19.206	ug/l	
77) Bromobenzene	12.749	156	57254	17.595	ug/l	96
78) n-propylbenzene	12.808	91	330401	17.509	ug/l	100
79) 2-Chlorotoluene	12.896	91	189681	17.629	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	218232	17.404	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	12916	16.209	ug/l #	79
82) 4-Chlorotoluene	12.996	91	193733	17.446	ug/l	100
83) tert-Butylbenzene	13.214	119	189356	17.530	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	214896	17.499	ug/l	99
85) sec-Butylbenzene	13.390	105	288238	17.750	ug/l	99
86) p-Isopropyltoluene	13.502	119	235422	18.054	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	115869	18.212	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	113438	17.808	ug/l	96
89) n-Butylbenzene	13.832	91	228635	17.447	ug/l	100
90) Hexachloroethane	14.096	117	44081	17.083	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	99908	18.123	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	7258	16.882	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	63627	18.039	ug/l	96
94) Hexachlorobutadiene	15.249	225	32620	18.338	ug/l	98
95) Naphthalene	15.384	128	116297	17.268	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	51959	17.520	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070984.D
 Acq On : 11 Nov 2021 11:40
 Operator : VA/SY
 Sample : VD1111SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD01

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 07:58:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 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\VD111121\
 Data File : VD070984.D
 Acq On : 11 Nov 2021 11:40
 Operator : VA/SY
 Sample : VD1111SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

Quant Time: Nov 12 07:58:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

