

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032822\
 Data File : VD072447.D
 Acq On : 28 Mar 2022 15:05
 Operator : VA/SY
 Sample : VD0328SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 01:30:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	376203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	623223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	555080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	281971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217260	51.820	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	103.640%		
35) Dibromofluoromethane	7.908	113	216315	49.323	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.640%		
50) Toluene-d8	10.332	98	771391	48.103	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.200%		
62) 4-Bromofluorobenzene	12.626	95	295314	47.395	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	64383	18.503	ug/l	96
3) Chloromethane	2.209	50	58037	18.770	ug/l	99
4) Vinyl Chloride	2.350	62	63619	21.315	ug/l	100
5) Bromomethane	2.750	94	41035	21.114	ug/l	96
6) Chloroethane	2.914	64	45546	23.081	ug/l	94
7) Trichlorofluoromethane	3.273	101	134710	19.986	ug/l	93
8) Diethyl Ether	3.709	74	38337	20.594	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	92895	21.615	ug/l	98
10) Methyl Iodide	4.297	142	64843	18.317	ug/l	100
11) Tert butyl alcohol	5.220	59	31011	127.570	ug/l #	91
12) 1,1-Dichloroethene	4.067	96	66355	19.191	ug/l	96
13) Acrolein	3.926	56	18357	84.628	ug/l	100
14) Allyl chloride	4.714	41	129269	21.383	ug/l	95
15) Acrylonitrile	5.414	53	115285	122.735	ug/l	99
16) Acetone	4.150	43	108848	119.575	ug/l	96
17) Carbon Disulfide	4.409	76	93409	12.736	ug/l	98
18) Methyl Acetate	4.714	43	66378	29.756	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	218188	23.217	ug/l	99
20) Methylene Chloride	4.961	84	102997	18.859	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	73681	19.267	ug/l	92
22) Diisopropyl ether	6.355	45	336332	24.392	ug/l	95
23) Vinyl Acetate	6.303	43	791855	112.526	ug/l	96
24) 1,1-Dichloroethane	6.267	63	185110	22.763	ug/l	100
25) 2-Butanone	7.208	43	149150	122.888	ug/l	95
26) 2,2-Dichloropropane	7.202	77	164752	22.454	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	103718	21.243	ug/l	98
28) Bromochloromethane	7.544	49	63083	19.269	ug/l	93
29) Tetrahydrofuran	7.555	42	85163	119.330	ug/l	96
30) Chloroform	7.708	83	199344	23.010	ug/l	98
31) Cyclohexane	7.979	56	123630	18.874	ug/l #	91
32) 1,1,1-Trichloroethane	7.897	97	171403	22.277	ug/l	95
36) 1,1-Dichloropropene	8.108	75	118305	19.229	ug/l	96
37) Ethyl Acetate	7.285	43	60625	22.495	ug/l #	80
38) Carbon Tetrachloride	8.091	117	140621	20.107	ug/l	98
39) Methylcyclohexane	9.349	83	121938	17.612	ug/l	96
40) Benzene	8.344	78	359366	20.474	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032822\
 Data File : VD072447.D
 Acq On : 28 Mar 2022 15:05
 Operator : VA/SY
 Sample : VD0328SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 01:30:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	28518m	18.155	ug/l	
42) 1,2-Dichloroethane	8.420	62	115278	21.650	ug/l	100
43) Isopropyl Acetate	8.444	43	124553	23.811	ug/l	98
44) Trichloroethene	9.108	130	100596	20.415	ug/l	91
45) 1,2-Dichloropropane	9.379	63	105677	21.953	ug/l	97
46) Dibromomethane	9.467	93	49707	20.992	ug/l	93
47) Bromodichloromethane	9.655	83	154472	22.377	ug/l #	97
48) Methyl methacrylate	9.449	41	60882	24.375	ug/l	95
49) 1,4-Dioxane	9.449	88	13560	477.540	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	343355	124.973	ug/l	97
52) Toluene	10.396	92	234507	20.304	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	138392	21.943	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	158741	21.772	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	82404	22.844	ug/l	97
56) Ethyl methacrylate	10.655	69	94440	22.352	ug/l	92
57) 1,3-Dichloropropane	10.938	76	135875	22.444	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	173622	91.394	ug/l	99
59) 2-Hexanone	10.979	43	235680	124.201	ug/l	100
60) Dibromochloromethane	11.132	129	102468	21.892	ug/l	98
61) 1,2-Dibromoethane	11.238	107	67432	20.688	ug/l	94
64) Tetrachloroethene	10.873	164	79193	20.249	ug/l	94
65) Chlorobenzene	11.661	112	271183	22.037	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	110935	22.797	ug/l	98
67) Ethyl Benzene	11.738	91	482084	21.934	ug/l	99
68) m/p-Xylenes	11.843	106	360733	43.224	ug/l	100
69) o-Xylene	12.173	106	175252	21.954	ug/l	98
70) Styrene	12.185	104	309027	22.169	ug/l	99
71) Bromoform	12.355	173	59380	22.843	ug/l #	100
73) Isopropylbenzene	12.473	105	512652	22.943	ug/l	99
74) N-amyl acetate	12.279	43	125591	26.154	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	95137	23.806	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	64414m	20.709	ug/l	
77) Bromobenzene	12.749	156	112568	22.383	ug/l	95
78) n-propylbenzene	12.814	91	626141	23.070	ug/l	99
79) 2-Chlorotoluene	12.896	91	358675	22.854	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	441847	23.017	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	29285	23.360	ug/l	95
82) 4-Chlorotoluene	12.996	91	370734	22.814	ug/l	99
83) tert-Butylbenzene	13.214	119	383590	22.792	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	431837	22.831	ug/l	100
85) sec-Butylbenzene	13.390	105	587735	23.255	ug/l	99
86) p-Isopropyltoluene	13.508	119	478218	22.994	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	237043	22.489	ug/l	100
88) 1,4-Dichlorobenzene	13.584	146	234731	22.458	ug/l	99
89) n-Butylbenzene	13.832	91	460369	23.224	ug/l	99
90) Hexachloroethane	14.102	117	93517	22.943	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	205669	22.380	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	14075	22.069	ug/l	90
93) 1,2,4-Trichlorobenzene	15.149	180	134298	22.073	ug/l	99
94) Hexachlorobutadiene	15.255	225	77409	21.872	ug/l	98
95) Naphthalene	15.384	128	253711	24.191	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	116066	22.039	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032822\
Data File : VD072447.D
Acq On : 28 Mar 2022 15:05
Operator : VA/SY
Sample : VD0328SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 01:30:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

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

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

