

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042222\
 Data File : VD072688.D
 Acq On : 22 Apr 2022 12:24
 Operator : VA/SY
 Sample : VD0422SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0422SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2022
 Supervised By : Mahesh Dadoda 04/25/2022

Quant Time: Apr 22 23:44:13 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	7.973	168	324076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	539825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	503071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	260154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	194150	49.524	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.040%		
35) Dibromofluoromethane	7.909	113	206770	49.287	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.580%		
50) Toluene-d8	10.332	98	701783	48.124	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.240%		
62) 4-Bromofluorobenzene	12.620	95	278478	48.897	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	46915	18.241	ug/l	93
3) Chloromethane	2.215	50	44747	18.810	ug/l	94
4) Vinyl Chloride	2.350	62	48417	18.321	ug/l	98
5) Bromomethane	2.744	94	36199	19.747	ug/l	92
6) Chloroethane	2.909	64	36801	21.003	ug/l	91
7) Trichlorofluoromethane	3.268	101	124938	22.380	ug/l	98
8) Diethyl Ether	3.703	74	36181	21.809	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.097	101	82393	22.130	ug/l	94
10) Methyl Iodide	4.297	142	56593	18.821	ug/l	99
11) Tert butyl alcohol	5.197	59	57762	279.004	ug/l #	74
12) 1,1-Dichloroethene	4.068	96	59709	20.513	ug/l	85
13) Acrolein	3.920	56	12653	137.724	ug/l	96
14) Allyl chloride	4.709	41	101562	20.549	ug/l	90
15) Acrylonitrile	5.415	53	104663	126.149	ug/l	96
16) Acetone	4.156	43	82073	112.273	ug/l #	89
17) Carbon Disulfide	4.409	76	71754	14.183	ug/l	99
18) Methyl Acetate	4.726	43	60441	29.348	ug/l #	90
19) Methyl tert-butyl Ether	5.479	73	202514	23.837	ug/l	93
20) Methylene Chloride	4.956	84	124239	28.548	ug/l #	80
21) trans-1,2-Dichloroethene	5.473	96	67363	19.429	ug/l	87
22) Diisopropyl ether	6.356	45	281141	24.040	ug/l	95
23) Vinyl Acetate	6.303	43	631655	104.182	ug/l #	93
24) 1,1-Dichloroethane	6.262	63	167408	23.755	ug/l	98
25) 2-Butanone	7.209	43	120963	119.646	ug/l	97
26) 2,2-Dichloropropane	7.209	77	150173	23.992	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	99476	22.508	ug/l	94
28) Bromochloromethane	7.544	49	69873	23.140	ug/l #	79
29) Tetrahydrofuran	7.561	42	73656	120.670	ug/l	91
30) Chloroform	7.703	83	196340	24.768	ug/l	97
31) Cyclohexane	7.979	56	92047	17.957	ug/l #	83
32) 1,1,1-Trichloroethane	7.897	97	164702	24.496	ug/l	95
36) 1,1-Dichloropropene	8.108	75	105152	20.297	ug/l	98
37) Ethyl Acetate	7.285	43	54354	24.452	ug/l #	95
38) Carbon Tetrachloride	8.097	117	133176	23.043	ug/l	99
39) Methylcyclohexane	9.350	83	100837	18.098	ug/l	92
40) Benzene	8.350	78	332899	22.721	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042222\
 Data File : VD072688.D
 Acq On : 22 Apr 2022 12:24
 Operator : VA/SY
 Sample : VD0422SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0422SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2022
 Supervised By : Mahesh Dadoda 04/25/2022

Quant Time: Apr 22 23:44:13 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	30996	24.726	ug/l #	76
42) 1,2-Dichloroethane	8.420	62	105664	23.595	ug/l	96
43) Isopropyl Acetate	8.444	43	104045	24.401	ug/l #	91
44) Trichloroethene	9.108	130	94016	22.603	ug/l	93
45) 1,2-Dichloropropane	9.379	63	99196	24.339	ug/l	99
46) Dibromomethane	9.467	93	50959	23.832	ug/l	95
47) Bromodichloromethane	9.655	83	150935	24.570	ug/l #	96
48) Methyl methacrylate	9.450	41	50432	24.362	ug/l #	88
49) 1,4-Dioxane	9.455	88	12541	493.042	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	301065	131.588	ug/l	92
52) Toluene	10.397	92	222630	22.873	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	127418	23.803	ug/l	93
54) cis-1,3-Dichloropropene	10.085	75	147656	23.330	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	83646	25.803	ug/l	95
56) Ethyl methacrylate	10.655	69	87496	22.619	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	133516	24.913	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	188608	117.847	ug/l	95
59) 2-Hexanone	10.979	43	188754	121.319	ug/l	93
60) Dibromochloromethane	11.132	129	106792	25.538	ug/l	100
61) 1,2-Dibromoethane	11.238	107	71063	24.690	ug/l	99
64) Tetrachloroethene	10.867	164	73973	22.506	ug/l	94
65) Chlorobenzene	11.661	112	268076	23.834	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	116967	26.012	ug/l	98
67) Ethyl Benzene	11.738	91	445461	22.698	ug/l	96
68) m/p-Xylenes	11.844	106	344278	46.240	ug/l	99
69) o-Xylene	12.173	106	168091	23.399	ug/l	95
70) Styrene	12.185	104	307046	24.252	ug/l	96
71) Bromoform	12.349	173	62531	26.231	ug/l #	99
73) Isopropylbenzene	12.467	105	483614	23.018	ug/l	100
74) N-amyl acetate	12.279	43	103366	23.448	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.714	83	99131	24.910	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	69180m	24.381	ug/l	
77) Bromobenzene	12.749	156	113151	24.028	ug/l	92
78) n-propylbenzene	12.808	91	588638	23.224	ug/l	97
79) 2-Chlorotoluene	12.896	91	349367	23.570	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	424281	23.579	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	27079	23.418	ug/l	89
82) 4-Chlorotoluene	12.991	91	364672	23.622	ug/l	98
83) tert-Butylbenzene	13.208	119	381571	24.494	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	415588	23.618	ug/l	100
85) sec-Butylbenzene	13.391	105	574171	24.470	ug/l	100
86) p-Isopropyltoluene	13.502	119	460805	24.026	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	236494	24.236	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	232923	23.683	ug/l	98
89) n-Butylbenzene	13.826	91	433794	23.743	ug/l	98
90) Hexachloroethane	14.096	117	95894	24.423	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	212233	24.659	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.485	75	14496	24.630	ug/l	85
93) 1,2,4-Trichlorobenzene	15.143	180	130620	24.484	ug/l	99
94) Hexachlorobutadiene	15.249	225	78213	26.174	ug/l	99
95) Naphthalene	15.379	128	228479	22.041	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	114974	24.693	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042222\
Data File : VD072688.D
Acq On : 22 Apr 2022 12:24
Operator : VA/SY
Sample : VD0422SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0422SBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

Quant Time: Apr 22 23:44:13 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

