

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072594.D
 Acq On : 18 Apr 2022 13:24
 Operator : VA/SY
 Sample : VD0418SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0418SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/19/2022
 Supervised By :Mahesh Dadoda 04/19/2022

Quant Time: Apr 19 02:49:50 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	313733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	513953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	492305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	267114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	187298	49.351	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.700%		
35) Dibromofluoromethane	7.908	113	207721	52.006	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.020%		
50) Toluene-d8	10.332	98	711223	51.227	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.460%		
62) 4-Bromofluorobenzene	12.620	95	281181	51.857	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.720%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	50646	20.341	ug/l	94
3) Chloromethane	2.209	50	41163	17.874	ug/l	96
4) Vinyl Chloride	2.350	62	44747	17.533	ug/l	98
5) Bromomethane	2.744	94	33730	19.006	ug/l	93
6) Chloroethane	2.915	64	34447	20.308	ug/l	96
7) Trichlorofluoromethane	3.267	101	123362	22.826	ug/l	89
8) Diethyl Ether	3.703	74	33958	21.144	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.097	101	83719	23.227	ug/l	95
10) Methyl Iodide	4.297	142	53060	18.346	ug/l	96
11) Tert butyl alcohol	5.220	59	32966	164.483	ug/l #	95
12) 1,1-Dichloroethene	4.067	96	56598	20.085	ug/l	88
13) Acrolein	3.914	56	10900	122.555	ug/l	98
14) Allyl chloride	4.714	41	93403	19.577	ug/l	88
15) Acrylonitrile	5.420	53	95380	118.751	ug/l	94
16) Acetone	4.156	43	85301	120.536	ug/l	96
17) Carbon Disulfide	4.403	76	73329	14.770	ug/l	98
18) Methyl Acetate	4.720	43	50820	25.490	ug/l #	85
19) Methyl tert-butyl Ether	5.479	73	191440	23.276	ug/l	99
20) Methylene Chloride	4.962	84	106521	25.284	ug/l	85
21) trans-1,2-Dichloroethene	5.473	96	65557	19.527	ug/l	91
22) Diisopropyl ether	6.361	45	261066	23.059	ug/l #	91
23) Vinyl Acetate	6.303	43	586543	100.188	ug/l	96
24) 1,1-Dichloroethane	6.261	63	158202	23.189	ug/l	97
25) 2-Butanone	7.208	43	117375	119.924	ug/l	95
26) 2,2-Dichloropropane	7.203	77	145913	24.080	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	94203	22.018	ug/l	91
28) Bromochloromethane	7.544	49	65216	22.310	ug/l #	73
29) Tetrahydrofuran	7.561	42	62306	105.441	ug/l #	83
30) Chloroform	7.708	83	184710	24.069	ug/l	94
31) Cyclohexane	7.985	56	87649	17.662	ug/l #	80
32) 1,1,1-Trichloroethane	7.897	97	156305	24.014	ug/l	94
36) 1,1-Dichloropropene	8.108	75	99632	20.205	ug/l	97
37) Ethyl Acetate	7.291	43	48491	22.912	ug/l #	93
38) Carbon Tetrachloride	8.097	117	130957	23.799	ug/l	99
39) Methylcyclohexane	9.350	83	97090	18.270	ug/l	95
40) Benzene	8.344	78	312368	22.393	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072594.D
 Acq On : 18 Apr 2022 13:24
 Operator : VA/SY
 Sample : VD0418SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0418SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/19/2022
 Supervised By :Mahesh Dadoda 04/19/2022

Quant Time: Apr 19 02:49:50 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	7.514	41	21160	18.199	ug/l #	57
42) 1,2-Dichloroethane	8.420	62	101174	23.730	ug/l	94
43) Isopropyl Acetate	8.444	43	92909	22.886	ug/l #	90
44) Trichloroethene	9.102	130	89358	22.564	ug/l	98
45) 1,2-Dichloropropane	9.379	63	92505	23.840	ug/l	97
46) Dibromomethane	9.467	93	49087	24.112	ug/l	93
47) Bromodichloromethane	9.655	83	143755	24.579	ug/l #	95
48) Methyl methacrylate	9.450	41	44715	22.687	ug/l #	84
49) 1,4-Dioxane	9.450	88	11806	487.511	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	262656	120.579	ug/l	90
52) Toluene	10.397	92	214452	23.142	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	124321	24.393	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	147511	24.480	ug/l #	82
55) 1,1,2-Trichloroethane	10.791	97	81017	26.250	ug/l	95
56) Ethyl methacrylate	10.655	69	82823	22.496	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	122319	23.973	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	191106	125.419	ug/l	91
59) 2-Hexanone	10.973	43	184141	124.312	ug/l	91
60) Dibromochloromethane	11.132	129	104108	26.150	ug/l	100
61) 1,2-Dibromoethane	11.238	107	68899	25.143	ug/l	98
64) Tetrachloroethene	10.873	164	69907	21.734	ug/l	90
65) Chlorobenzene	11.661	112	257581	23.402	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	111749	25.395	ug/l	99
67) Ethyl Benzene	11.738	91	432161	22.502	ug/l	97
68) m/p-Xylenes	11.843	106	336368	46.165	ug/l	98
69) o-Xylene	12.173	106	162855	23.166	ug/l	97
70) Styrene	12.185	104	295659	23.863	ug/l	96
71) Bromoform	12.349	173	62073	26.609	ug/l #	100
73) Isopropylbenzene	12.467	105	467352	21.664	ug/l	99
74) N-amyl acetate	12.279	43	94179	20.807	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	97292	23.811	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	67225m	23.075	ug/l	
77) Bromobenzene	12.749	156	109939	22.737	ug/l	92
78) n-propylbenzene	12.808	91	572857	22.012	ug/l	100
79) 2-Chlorotoluene	12.896	91	339279	22.293	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	416579	22.548	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	27136	22.856	ug/l	88
82) 4-Chlorotoluene	12.990	91	362870	22.893	ug/l	99
83) tert-Butylbenzene	13.214	119	373393	23.345	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	413556	22.891	ug/l	100
85) sec-Butylbenzene	13.390	105	563198	23.377	ug/l	100
86) p-Isopropyltoluene	13.502	119	455839	23.148	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	235967	23.552	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	234556	23.228	ug/l	99
89) n-Butylbenzene	13.826	91	430272	22.936	ug/l	99
90) Hexachloroethane	14.096	117	95341	23.650	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	212697	24.069	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	15044	24.895	ug/l	84
93) 1,2,4-Trichlorobenzene	15.143	180	134793	24.608	ug/l	100
94) Hexachlorobutadiene	15.249	225	76324	24.876	ug/l	98
95) Naphthalene	15.384	128	234434	22.026	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	116883	24.449	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
Data File : VD072594.D
Acq On : 18 Apr 2022 13:24
Operator : VA/SY
Sample : VD0418SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0418SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/19/2022
Supervised By :Mahesh Dadoda 04/19/2022

Quant Time: Apr 19 02:49:50 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

