

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
 Data File : VD071336.D
 Acq On : 15 Dec 2021 12:12
 Operator : VA/SY
 Sample : VD1215SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1215SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/16/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 16 04:25:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	264626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	448379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	411477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	201872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	159795	51.462	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.920%			
35) Dibromofluoromethane	7.914	113	149738	52.443	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.880%			
50) Toluene-d8	10.332	98	510320	46.966	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.940%			
62) 4-Bromofluorobenzene	12.626	95	187876	49.882	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	46689	20.689	ug/l	96
3) Chloromethane	2.209	50	61457	20.585	ug/l	95
4) Vinyl Chloride	2.356	62	76074	22.840	ug/l	90
5) Bromomethane	2.762	94	53892	22.445	ug/l	98
6) Chloroethane	2.920	64	50626	22.099	ug/l	98
7) Trichlorofluoromethane	3.279	101	91207	20.214	ug/l	97
8) Diethyl Ether	3.714	74	23437	19.160	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.103	101	54473	20.463	ug/l	93
10) Methyl Iodide	4.309	142	43353	17.292	ug/l	94
11) Tert butyl alcohol	5.197	59	37459	164.951	ug/l #	85
12) 1,1-Dichloroethene	4.067	96	43668	17.776	ug/l	90
13) Acrolein	3.926	56	18853	88.849	ug/l	91
14) Allyl chloride	4.714	41	85530	18.330	ug/l #	81
15) Acrylonitrile	5.420	53	59454	99.941	ug/l	96
16) Acetone	4.161	43	60214	94.830	ug/l	89
17) Carbon Disulfide	4.414	76	126031	17.522	ug/l #	94
18) Methyl Acetate	4.720	43	47858	20.890	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	114483	19.015	ug/l	92
20) Methylene Chloride	4.961	84	73339	20.982	ug/l	92
21) trans-1,2-Dichloroethene	5.467	96	52344	18.928	ug/l	97
22) Diisopropyl ether	6.367	45	177021	18.935	ug/l	91
23) Vinyl Acetate	6.308	43	399396	97.617	ug/l	99
24) 1,1-Dichloroethane	6.261	63	103807	19.305	ug/l	96
25) 2-Butanone	7.214	43	80821	103.602	ug/l	90
26) 2,2-Dichloropropane	7.208	77	83163	17.008	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	60318	19.280	ug/l	94
28) Bromochloromethane	7.550	49	53621	22.958	ug/l	89
29) Tetrahydrofuran	7.561	42	49658	100.715	ug/l	90
30) Chloroform	7.708	83	105617	19.571	ug/l	99
31) Cyclohexane	7.985	56	94469	17.886	ug/l	92
32) 1,1,1-Trichloroethane	7.902	97	95307	19.671	ug/l #	94
36) 1,1-Dichloropropene	8.114	75	78253	18.673	ug/l	98
37) Ethyl Acetate	7.291	43	35998	19.886	ug/l	96
38) Carbon Tetrachloride	8.102	117	79637	19.278	ug/l	90
39) Methylcyclohexane	9.355	83	87547	17.369	ug/l	99
40) Benzene	8.349	78	217781	19.132	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
 Data File : VD071336.D
 Acq On : 15 Dec 2021 12:12
 Operator : VA/SY
 Sample : VD1215SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1215SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/16/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 16 04:25:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	19735	24.331	ug/l #	82
42) 1,2-Dichloroethane	8.426	62	69044	19.871	ug/l	93
43) Isopropyl Acetate	8.449	43	68265	20.571	ug/l #	88
44) Trichloroethene	9.108	130	57901	19.078	ug/l	97
45) 1,2-Dichloropropane	9.379	63	58872	19.666	ug/l	99
46) Dibromomethane	9.473	93	30351	19.542	ug/l	93
47) Bromodichloromethane	9.655	83	80725	19.654	ug/l	86
48) Methyl methacrylate	9.449	41	35072	19.793	ug/l #	83
49) 1,4-Dioxane	9.455	88	6455	430.556	ug/l	92
51) 4-Methyl-2-Pentanone	10.226	43	178079	107.195	ug/l	91
52) Toluene	10.396	92	136062	18.839	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	68436	18.122	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	85689	19.103	ug/l #	77
55) 1,1,2-Trichloroethane	10.796	97	40867	20.058	ug/l	95
56) Ethyl methacrylate	10.655	69	46878	20.044	ug/l #	73
57) 1,3-Dichloropropane	10.938	76	70861	19.798	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	161015	116.135	ug/l	99
59) 2-Hexanone	10.979	43	120407	102.031	ug/l	90
60) Dibromochloromethane	11.132	129	49393	19.506	ug/l	95
61) 1,2-Dibromoethane	11.243	107	38151	19.497	ug/l	98
64) Tetrachloroethene	10.873	164	47288	18.102	ug/l	92
65) Chlorobenzene	11.661	112	144264	18.896	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.732	131	53895	19.334	ug/l	98
67) Ethyl Benzene	11.738	91	257819	17.938	ug/l	97
68) m/p-Xylenes	11.849	106	193729	35.703	ug/l	96
69) o-Xylene	12.173	106	92758	18.188	ug/l	99
70) Styrene	12.185	104	158284	18.416	ug/l	99
71) Bromoform	12.349	173	28037	19.414	ug/l #	99
73) Isopropylbenzene	12.473	105	247131	16.907	ug/l	97
74) N-amyl acetate	12.279	43	59631	18.902	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	46185	19.187	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	36208m	18.825	ug/l	
77) Bromobenzene	12.749	156	55879	17.649	ug/l	97
78) n-propylbenzene	12.808	91	311834	17.131	ug/l	100
79) 2-Chlorotoluene	12.896	91	170344	16.673	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	208376	17.287	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	11718	18.378	ug/l #	62
82) 4-Chlorotoluene	12.996	91	181945	17.154	ug/l	99
83) tert-Butylbenzene	13.214	119	170488	16.470	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	201032	17.083	ug/l	100
85) sec-Butylbenzene	13.390	105	271442	17.168	ug/l	99
86) p-Isopropyltoluene	13.502	119	220850	17.079	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	114170	18.115	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	110916	17.763	ug/l	96
89) n-Butylbenzene	13.832	91	216298	17.135	ug/l	99
90) Hexachloroethane	14.096	117	46902	19.133	ug/l	90
91) 1,2-Dichlorobenzene	13.873	146	97573	18.205	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	7262	18.525	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	57066	17.069	ug/l	98
94) Hexachlorobutadiene	15.249	225	31165	16.475	ug/l	98
95) Naphthalene	15.379	128	102167	17.335	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	48770	17.175	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
 Data File : VD071336.D
 Acq On : 15 Dec 2021 12:12
 Operator : VA/SY
 Sample : VD1215SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1215SBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2021
 Supervised By :Mahesh Dadoda 12/21/2021

Quant Time: Dec 16 04:25:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

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

