

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120321\
 Data File : VD071129.D
 Acq On : 03 Dec 2021 11:24
 Operator : VA/SY
 Sample : VD1203SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1203SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 03:49:25 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	266617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	448093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	403381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	194548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	149806	47.885	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.780%		
35) Dibromofluoromethane	7.914	113	140144	49.115	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.220%		
50) Toluene-d8	10.338	98	502989	46.321	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.640%		
62) 4-Bromofluorobenzene	12.620	95	180018	47.826	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	45962	20.215	ug/l	97
3) Chloromethane	2.209	50	64036	21.289	ug/l	96
4) Vinyl Chloride	2.356	62	71345	21.260	ug/l	98
5) Bromomethane	2.762	94	51067	21.110	ug/l	96
6) Chloroethane	2.921	64	49506	21.449	ug/l	93
7) Trichlorofluoromethane	3.273	101	88406	19.447	ug/l	100
8) Diethyl Ether	3.709	74	22201	18.014	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.103	101	50531	18.840	ug/l	95
10) Methyl Iodide	4.303	142	40490	16.362	ug/l	96
11) Tert butyl alcohol	5.185	59	39590m	178.143	ug/l	
12) 1,1-Dichloroethene	4.067	96	45542	18.400	ug/l	88
13) Acrolein	3.920	56	19105	89.364	ug/l	96
14) Allyl chloride	4.720	41	78624	16.724	ug/l #	78
15) Acrylonitrile	5.414	53	54408	90.776	ug/l	98
16) Acetone	4.156	43	56609	90.546	ug/l #	81
17) Carbon Disulfide	4.415	76	135144	18.649	ug/l	97
18) Methyl Acetate	4.726	43	42625	18.467	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	104801	17.277	ug/l	97
20) Methylene Chloride	4.962	84	60130	16.226	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	49745	17.854	ug/l #	77
22) Diisopropyl ether	6.361	45	166618	17.689	ug/l #	86
23) Vinyl Acetate	6.309	43	367708m	91.548	ug/l	
24) 1,1-Dichloroethane	6.267	63	98337	18.151	ug/l #	97
25) 2-Butanone	7.208	43	71534	94.459	ug/l	91
26) 2,2-Dichloropropane	7.208	77	80828	16.407	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	56208	17.832	ug/l	90
28) Bromochloromethane	7.550	49	48479	20.602	ug/l	88
29) Tetrahydrofuran	7.561	42	44253	89.082	ug/l	93
30) Chloroform	7.708	83	99133	18.232	ug/l	97
31) Cyclohexane	7.985	56	91813	17.253	ug/l #	94
32) 1,1,1-Trichloroethane	7.903	97	87919	18.010	ug/l	93
36) 1,1-Dichloropropene	8.114	75	75360	17.994	ug/l	96
37) Ethyl Acetate	7.291	43	33859	18.716	ug/l #	92
38) Carbon Tetrachloride	8.097	117	75853	18.374	ug/l	99
39) Methylcyclohexane	9.355	83	88216	17.513	ug/l	95
40) Benzene	8.350	78	207571	18.247	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	20774	25.734	ug/l #	71
42) 1,2-Dichloroethane	8.420	62	63645	18.329	ug/l	96
43) Isopropyl Acetate	8.450	43	61865	19.141	ug/l #	90
44) Trichloroethene	9.114	130	56553	18.645	ug/l	90
45) 1,2-Dichloropropane	9.385	63	55936	18.697	ug/l	93
46) Dibromomethane	9.473	93	29618	19.082	ug/l	92
47) Bromodichloromethane	9.655	83	74112	18.055	ug/l	98
48) Methyl methacrylate	9.455	41	31927	18.030	ug/l #	81
49) 1,4-Dioxane	9.461	88	5853	390.651	ug/l #	86
51) 4-Methyl-2-Pentanone	10.226	43	164162	101.258	ug/l	90
52) Toluene	10.402	92	128620	17.820	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	63720	16.884	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	79244	17.677	ug/l #	82
55) 1,1,2-Trichloroethane	10.797	97	37208	18.274	ug/l	93
56) Ethyl methacrylate	10.655	69	43950	19.174	ug/l #	74
57) 1,3-Dichloropropane	10.944	76	66495	18.590	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	147363	106.356	ug/l	98
59) 2-Hexanone	10.979	43	112054	97.391	ug/l	87
60) Dibromochloromethane	11.132	129	46146	18.235	ug/l	100
61) 1,2-Dibromoethane	11.244	107	35471	18.139	ug/l	98
64) Tetrachloroethene	10.873	164	45809	17.888	ug/l	94
65) Chlorobenzene	11.667	112	141859	18.954	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	49308	18.043	ug/l	99
67) Ethyl Benzene	11.738	91	249869	17.734	ug/l	100
68) m/p-Xylenes	11.849	106	190814	35.872	ug/l	99
69) o-Xylene	12.173	106	88092	17.620	ug/l	98
70) Styrene	12.191	104	146040	17.332	ug/l	96
71) Bromoform	12.355	173	25837	18.250	ug/l #	99
73) Isopropylbenzene	12.473	105	235422	16.712	ug/l	98
74) N-amyl acetate	12.285	43	55943	18.552	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.726	83	40075	17.275	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	30499m	16.454	ug/l	
77) Bromobenzene	12.755	156	51524	16.886	ug/l	96
78) n-propylbenzene	12.814	91	296159	16.882	ug/l	100
79) 2-Chlorotoluene	12.902	91	164176	16.674	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	201974	17.387	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	11168	18.238	ug/l #	80
82) 4-Chlorotoluene	12.996	91	171037	16.733	ug/l	98
83) tert-Butylbenzene	13.214	119	171137	17.155	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	194044	17.110	ug/l	96
85) sec-Butylbenzene	13.391	105	262277	17.213	ug/l	100
86) p-Isopropyltoluene	13.508	119	214998	17.252	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	107182	17.646	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	107288	17.829	ug/l	97
89) n-Butylbenzene	13.832	91	205743	16.912	ug/l	98
90) Hexachloroethane	14.102	117	38900	16.466	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	91907	17.793	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	6840	18.106	ug/l	100
93) 1,2,4-Trichlorobenzene	15.149	180	55556	17.243	ug/l	99
94) Hexachlorobutadiene	15.255	225	31289	17.164	ug/l	99
95) Naphthalene	15.385	128	90697	15.969	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	46062	16.832	ug/l	98

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

