

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120221\
 Data File : VD071115.D
 Acq On : 02 Dec 2021 13:40
 Operator : VA/SY
 Sample : VD1202SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1202SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/07/2021
 Supervised By : Mahesh Dadoda 12/07/2021

Quant Time: Dec 03 00:36:29 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	7.973	168	257617	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	444156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	409666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	198628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	163776	54.180	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.360%			
35) Dibromofluoromethane	7.914	113	149760	52.950	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.900%			
50) Toluene-d8	10.332	98	531375	49.369	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.740%			
62) 4-Bromofluorobenzene	12.626	95	192051	51.475	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	46355	21.100	ug/l	99
3) Chloromethane	2.209	50	66905	23.020	ug/l	99
4) Vinyl Chloride	2.350	62	72465	22.348	ug/l	89
5) Bromomethane	2.756	94	50033	21.405	ug/l	100
6) Chloroethane	2.921	64	50514	22.650	ug/l	96
7) Trichlorofluoromethane	3.274	101	86659	19.728	ug/l	98
8) Diethyl Ether	3.709	74	22804	19.150	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.097	101	49675	19.168	ug/l	98
10) Methyl Iodide	4.303	142	40589	16.805	ug/l	97
11) Tert butyl alcohol	5.185	59	40938	197.514	ug/l #	71
12) 1,1-Dichloroethene	4.068	96	43165	18.049	ug/l #	79
13) Acrolein	3.921	56	22078	106.879	ug/l	98
14) Allyl chloride	4.721	41	83748	18.436	ug/l #	81
15) Acrylonitrile	5.420	53	57265	98.881	ug/l	93
16) Acetone	4.156	43	56278	92.272	ug/l #	83
17) Carbon Disulfide	4.403	76	134461	19.203	ug/l	97
18) Methyl Acetate	4.715	43	47035	21.089	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	114385	19.516	ug/l	98
20) Methylene Chloride	4.962	84	62157	17.677	ug/l	95
21) trans-1,2-Dichloroethene	5.468	96	49210	18.279	ug/l	87
22) Diisopropyl ether	6.356	45	174831	19.209	ug/l	95
23) Vinyl Acetate	6.303	43	396257	98.964	ug/l	96
24) 1,1-Dichloroethane	6.262	63	99765	19.058	ug/l	97
25) 2-Butanone	7.203	43	79821	104.693	ug/l #	81
26) 2,2-Dichloropropane	7.203	77	79982	16.802	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	58526	19.216	ug/l	94
28) Bromochloromethane	7.550	49	53959	23.732	ug/l	88
29) Tetrahydrofuran	7.567	42	49266	102.638	ug/l	95
30) Chloroform	7.703	83	99889	19.013	ug/l	99
31) Cyclohexane	7.979	56	91700	17.834	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	85014	18.024	ug/l #	90
36) 1,1-Dichloropropene	8.109	75	75121	18.096	ug/l	99
37) Ethyl Acetate	7.291	43	35029	19.535	ug/l #	92
38) Carbon Tetrachloride	8.091	117	74441	18.192	ug/l	97
39) Methylcyclohexane	9.350	83	85791	17.182	ug/l	94
40) Benzene	8.350	78	206151	18.282	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	23166	29.062	ug/l #	72
42) 1,2-Dichloroethane	8.414	62	68630	19.939	ug/l	94
43) Isopropyl Acetate	8.444	43	69162	20.921	ug/l #	89
44) Trichloroethene	9.108	130	54111	17.998	ug/l	100
45) 1,2-Dichloropropane	9.385	63	55895	18.849	ug/l	99
46) Dibromomethane	9.473	93	29957	19.472	ug/l	94
47) Bromodichloromethane	9.656	83	75573	18.574	ug/l #	94
48) Methyl methacrylate	9.456	41	29630	16.881	ug/l #	89
49) 1,4-Dioxane	9.456	88	7098	477.946	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	175918	106.985	ug/l	90
52) Toluene	10.397	92	131991	18.449	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	67847	18.137	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	80331	18.079	ug/l #	78
55) 1,1,2-Trichloroethane	10.791	97	38054	18.855	ug/l	99
56) Ethyl methacrylate	10.655	69	48332	20.619	ug/l #	70
57) 1,3-Dichloropropane	10.938	76	69153	19.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	151892	110.597	ug/l	99
59) 2-Hexanone	10.979	43	120112	102.506	ug/l	90
60) Dibromochloromethane	11.138	129	48438	19.310	ug/l	99
61) 1,2-Dibromoethane	11.244	107	38560	19.893	ug/l	98
64) Tetrachloroethene	10.867	164	45888	17.644	ug/l	95
65) Chlorobenzene	11.661	112	138779	18.258	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	51335	18.497	ug/l	97
67) Ethyl Benzene	11.738	91	245515	17.158	ug/l	99
68) m/p-Xylenes	11.844	106	189393	35.058	ug/l	96
69) o-Xylene	12.173	106	89006	17.530	ug/l	99
70) Styrene	12.185	104	150914	17.636	ug/l	97
71) Bromoform	12.355	173	27653	19.233	ug/l #	99
73) Isopropylbenzene	12.473	105	234873	16.331	ug/l	99
74) N-amyl acetate	12.279	43	60828	19.387	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	45841	19.355	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	30313m	16.018	ug/l	
77) Bromobenzene	12.755	156	54415	17.468	ug/l	98
78) n-propylbenzene	12.814	91	297079	16.587	ug/l	100
79) 2-Chlorotoluene	12.897	91	166959	16.609	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	196474	16.566	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	11787	18.659	ug/l #	75
82) 4-Chlorotoluene	12.997	91	177051	16.965	ug/l	99
83) tert-Butylbenzene	13.214	119	167561	16.451	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	197423	17.050	ug/l	98
85) sec-Butylbenzene	13.391	105	258351	16.607	ug/l	100
86) p-Isopropyltoluene	13.508	119	209653	16.477	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	110630	17.840	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	107477	17.493	ug/l	96
89) n-Butylbenzene	13.832	91	205445	16.541	ug/l	99
90) Hexachloroethane	14.102	117	39868	16.529	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	94407	17.902	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	7267	18.841	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	57777	17.564	ug/l	99
94) Hexachlorobutadiene	15.249	225	30965	16.637	ug/l	96
95) Naphthalene	15.385	128	105339	18.165	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	50446	18.056	ug/l	99

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

