

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071539.D
 Acq On : 30 Dec 2021 10:34
 Operator : VA/SY
 Sample : VD1230SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1230SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/31/2021
 Supervised By : Mahesh Dadoda 01/02/2022

Quant Time: Dec 30 15:28:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	287476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	481829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	453401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	218101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197809	51.811	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.620%			
35) Dibromofluoromethane	7.914	113	171635	53.002	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.000%			
50) Toluene-d8	10.338	98	660215	53.950	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.900%			
62) 4-Bromofluorobenzene	12.620	95	228924	52.643	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	58135	19.299	ug/l	92
3) Chloromethane	2.215	50	81073	21.019	ug/l	99
4) Vinyl Chloride	2.350	62	89854	19.439	ug/l	95
5) Bromomethane	2.762	94	68686	21.241	ug/l	94
6) Chloroethane	2.920	64	64492	21.024	ug/l	89
7) Trichlorofluoromethane	3.273	101	121242	21.426	ug/l	100
8) Diethyl Ether	3.709	74	30102	18.582	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.091	101	68804	20.900	ug/l	96
10) Methyl Iodide	4.303	142	44679	13.956	ug/l	91
11) Tert butyl alcohol	5.214	59	38759	108.808	ug/l #	71
12) 1,1-Dichloroethene	4.073	96	59479	19.859	ug/l #	78
13) Acrolein	3.914	56	15921	86.325	ug/l	97
14) Allyl chloride	4.714	41	117118	20.674	ug/l #	78
15) Acrylonitrile	5.420	53	77579	97.244	ug/l	96
16) Acetone	4.156	43	86491	90.190	ug/l	92
17) Carbon Disulfide	4.414	76	168127	17.229	ug/l	95
18) Methyl Acetate	4.714	43	57470	19.416	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	146922	19.003	ug/l	97
20) Methylene Chloride	4.961	84	87236	19.989	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	68808	19.835	ug/l	89
22) Diisopropyl ether	6.361	45	240142	20.823	ug/l #	89
23) Vinyl Acetate	6.303	43	567567	95.469	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	143552	21.713	ug/l	98
25) 2-Butanone	7.208	43	108800	94.983	ug/l	96
26) 2,2-Dichloropropane	7.208	77	119435	21.986	ug/l	94
27) cis-1,2-Dichloroethene	7.208	96	78889	20.560	ug/l	90
28) Bromochloromethane	7.550	49	53511	19.751	ug/l	90
29) Tetrahydrofuran	7.561	42	64272	93.453	ug/l	93
30) Chloroform	7.708	83	143158	21.460	ug/l	96
31) Cyclohexane	7.985	56	125183	19.301	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	128076	21.648	ug/l #	94
36) 1,1-Dichloropropene	8.108	75	105279	20.349	ug/l	97
37) Ethyl Acetate	7.297	43	46345	19.404	ug/l #	91
38) Carbon Tetrachloride	8.097	117	111543	21.853	ug/l	92
39) Methylcyclohexane	9.355	83	114872	18.968	ug/l	93
40) Benzene	8.350	78	285563	20.532	ug/l	99

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41) Methacrylonitrile	7.514	41	21590	15.218	ug/l	88
42) 1,2-Dichloroethane	8.420	62	95218	20.995	ug/l	94
43) Isopropyl Acetate	8.450	43	90244	19.039	ug/l	91
44) Trichloroethene	9.108	130	77034	21.255	ug/l	99
45) 1,2-Dichloropropane	9.385	63	78721	21.813	ug/l	99
46) Dibromomethane	9.473	93	40159	20.142	ug/l	92
47) Bromodichloromethane	9.655	83	111791	22.084	ug/l	97
48) Methyl methacrylate	9.449	41	44609	19.018	ug/l #	80
49) 1,4-Dioxane	9.455	88	8296	368.202	ug/l #	90
51) 4-Methyl-2-Pentanone	10.220	43	235367	94.383	ug/l	91
52) Toluene	10.396	92	185452	20.991	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	95985	20.305	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	112380	20.573	ug/l #	76
55) 1,1,2-Trichloroethane	10.791	97	51230	20.243	ug/l	91
56) Ethyl methacrylate	10.655	69	65469	19.658	ug/l #	69
57) 1,3-Dichloropropane	10.938	76	94272	20.336	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	156921	98.364	ug/l	98
59) 2-Hexanone	10.979	43	167515	95.033	ug/l	90
60) Dibromochloromethane	11.132	129	67107	21.093	ug/l	100
61) 1,2-Dibromoethane	11.238	107	49557	19.770	ug/l	97
64) Tetrachloroethene	10.873	164	65569	20.811	ug/l	93
65) Chlorobenzene	11.667	112	193675	20.825	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.732	131	70335	20.701	ug/l	99
67) Ethyl Benzene	11.738	91	357607	20.661	ug/l	98
68) m/p-Xylenes	11.849	106	273963	41.662	ug/l	95
69) o-Xylene	12.173	106	125055	20.805	ug/l	94
70) Styrene	12.185	104	216757	20.758	ug/l	97
71) Bromoform	12.355	173	37947	20.640	ug/l #	98
73) Isopropylbenzene	12.473	105	342942	20.395	ug/l	98
74) N-amyl acetate	12.285	43	82811	18.357	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	62587	20.588	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	52587m	20.293	ug/l	
77) Bromobenzene	12.755	156	73983	19.773	ug/l	96
78) n-propylbenzene	12.814	91	437715	20.768	ug/l	99
79) 2-Chlorotoluene	12.896	91	247725	21.032	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	292603	21.097	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.514	75	15338	16.724	ug/l #	63
82) 4-Chlorotoluene	12.996	91	259052	21.203	ug/l	98
83) tert-Butylbenzene	13.214	119	247049	20.846	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	284853	20.752	ug/l	96
85) sec-Butylbenzene	13.390	105	380164	21.041	ug/l	100
86) p-Isopropyltoluene	13.502	119	307892	20.538	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	157269	20.871	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	157203	21.276	ug/l	98
89) n-Butylbenzene	13.832	91	308965	20.998	ug/l	97
90) Hexachloroethane	14.096	117	60786	21.404	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	131784	20.607	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	9806	18.600	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	75677	19.419	ug/l	99
94) Hexachlorobutadiene	15.249	225	44462	21.297	ug/l	99
95) Naphthalene	15.384	128	130804	17.634	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	66874	19.840	ug/l	99

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

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