

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121621\
 Data File : VD071360.D
 Acq On : 16 Dec 2021 11:23
 Operator : VA/SY
 Sample : VD1216SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Dec 16 23:46:17 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						12/17/2021
1) Pentafluorobenzene	7.973	168	250017	50.000	ug/l	-0.03
34) 1,4-Difluorobenzene	8.861	114	432141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	404556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	206644	50.000	ug/l	0.00
System Monitoring Compounds						12/22/2021
33) 1,2-Dichloroethane-d4	8.326	65	166503	56.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.520%	
35) Dibromofluoromethane	7.914	113	150315	54.624	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.240%	
50) Toluene-d8	10.332	98	501121	47.853	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.700%	
62) 4-Bromofluorobenzene	12.620	95	193087	53.192	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.380%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	41972	19.686	ug/l	95
3) Chloromethane	2.209	50	60863	21.578	ug/l	100
4) Vinyl Chloride	2.350	62	72438	23.019	ug/l	97
5) Bromomethane	2.750	94	53114	23.414	ug/l	100
6) Chloroethane	2.914	64	52414	24.216	ug/l	92
7) Trichlorofluoromethane	3.273	101	86611	20.317	ug/l	97
8) Diethyl Ether	3.703	74	22197	19.207	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.097	101	49406	19.644	ug/l	93
10) Methyl Iodide	4.297	142	36493	15.904	ug/l	94
11) Tert butyl alcohol	5.203	59	34751	160.017	ug/l #	84
12) 1,1-Dichloroethene	4.067	96	43216	18.620	ug/l	86
13) Acrolein	3.920	56	18918	94.365	ug/l	100
14) Allyl chloride	4.714	41	81151	18.407	ug/l #	80
15) Acrylonitrile	5.420	53	65035	115.711	ug/l	98
16) Acetone	4.156	43	66752	105.930	ug/l	92
17) Carbon Disulfide	4.409	76	110651	16.283	ug/l	99
18) Methyl Acetate	4.714	43	50865	23.500	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	115038	20.224	ug/l	94
20) Methylene Chloride	4.967	84	64572	19.243	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	50226	19.224	ug/l	97
22) Diisopropyl ether	6.361	45	178008	20.153	ug/l #	92
23) Vinyl Acetate	6.308	43	333411	89.421	ug/l	98
24) 1,1-Dichloroethane	6.261	63	101878	20.053	ug/l	98
25) 2-Butanone	7.208	43	92164	119.176	ug/l #	81
26) 2,2-Dichloropropane	7.208	77	78037	16.892	ug/l	95
27) cis-1,2-Dichloroethene	7.214	96	56981	19.278	ug/l	92
28) Bromochloromethane	7.544	49	52041	23.584	ug/l	91
29) Tetrahydrofuran	7.555	42	54854	117.754	ug/l	91
30) Chloroform	7.702	83	105481	20.688	ug/l	98
31) Cyclohexane	7.985	56	89091	17.853	ug/l	97
32) 1,1,1-Trichloroethane	7.902	97	90795	19.834	ug/l #	93
36) 1,1-Dichloropropene	8.114	75	73440	18.183	ug/l	97
37) Ethyl Acetate	7.291	43	39617	22.708	ug/l #	92
38) Carbon Tetrachloride	8.097	117	76507	19.216	ug/l	97
39) Methylcyclohexane	9.349	83	80089	16.486	ug/l	97
40) Benzene	8.349	78	206780	18.848	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.526	41	24827	31.949	ug/l	#	50
42) 1,2-Dichloroethane	8.420	62	72184	21.555	ug/l		93
43) Isopropyl Acetate	8.449	43	73727	22.422	ug/l	#	89
44) Trichloroethene	9.108	130	54478	18.624	ug/l		88
45) 1,2-Dichloropropane	9.385	63	58052	20.121	ug/l		99
46) Dibromomethane	9.473	93	30368	20.288	ug/l		97
47) Bromodichloromethane	9.655	83	79832	20.167	ug/l		98
48) Methyl methacrylate	9.449	41	35952	21.052	ug/l	#	86
49) 1,4-Dioxane	9.449	88	7337	507.776	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.220	43	197972	118.943	ug/l		89
52) Toluene	10.396	92	131568	18.901	ug/l		100
53) t-1,3-Dichloropropene	10.614	75	71289	19.587	ug/l		94
54) cis-1,3-Dichloropropene	10.085	75	86102	19.916	ug/l	#	85
55) 1,1,2-Trichloroethane	10.791	97	42804	21.798	ug/l		96
56) Ethyl methacrylate	10.655	69	49633	21.431	ug/l	#	70
57) 1,3-Dichloropropane	10.938	76	73707	21.367	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.938	63	173652	129.957	ug/l		98
59) 2-Hexanone	10.973	43	138109	114.856	ug/l		88
60) Dibromochloromethane	11.132	129	53192	21.795	ug/l		99
61) 1,2-Dibromoethane	11.238	107	39641	21.020	ug/l		98
64) Tetrachloroethene	10.867	164	44372	17.277	ug/l		94
65) Chlorobenzene	11.661	112	141432	18.842	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.732	131	52953	19.321	ug/l		98
67) Ethyl Benzene	11.738	91	253745	17.957	ug/l		95
68) m/p-Xylenes	11.843	106	188859	35.401	ug/l		96
69) o-Xylene	12.167	106	88589	17.668	ug/l		98
70) Styrene	12.185	104	153313	18.142	ug/l		97
71) Bromoform	12.349	173	29497	20.775	ug/l	#	98
73) Isopropylbenzene	12.473	105	242351	16.197	ug/l		100
74) N-amyl acetate	12.279	43	66805	20.149	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	50399	20.454	ug/l		97
76) 1,2,3-Trichloropropane	12.773	75	40857m	20.752	ug/l		
77) Bromobenzene	12.749	156	56742	17.508	ug/l		98
78) n-propylbenzene	12.808	91	302040	16.209	ug/l		100
79) 2-Chlorotoluene	12.896	91	171169	16.367	ug/l		100
80) 1,3,5-Trimethylbenzene	12.949	105	199816	16.194	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	13974	20.457	ug/l	#	75
82) 4-Chlorotoluene	12.996	91	176549	16.261	ug/l		99
83) tert-Butylbenzene	13.214	119	175856	16.596	ug/l		99
84) 1,2,4-Trimethylbenzene	13.255	105	199317	16.546	ug/l		96
85) sec-Butylbenzene	13.390	105	269263	16.637	ug/l		98
86) p-Isopropyltoluene	13.502	119	209587	15.833	ug/l		96
87) 1,3-Dichlorobenzene	13.502	146	113512	17.595	ug/l		99
88) 1,4-Dichlorobenzene	13.584	146	110748	17.327	ug/l		97
89) n-Butylbenzene	13.832	91	214017	16.562	ug/l		99
90) Hexachloroethane	14.096	117	45195	18.011	ug/l		91
91) 1,2-Dichlorobenzene	13.873	146	99236	18.088	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	8441	21.036	ug/l		98
93) 1,2,4-Trichlorobenzene	15.143	180	59552	17.401	ug/l		96
94) Hexachlorobutadiene	15.249	225	33024	17.055	ug/l		97
95) Naphthalene	15.379	128	105820	17.541	ug/l		99
96) 1,2,3-Trichlorobenzene	15.573	180	52539	18.075	ug/l		98

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 Supervised By : Mahesh
 Dadoda

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

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