

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071458.D
 Acq On : 25 Dec 2021 15:20
 Operator : VA/SY
 Sample : VD1225SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1225SBS01

Quant Time: Dec 27 00:49:57 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

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/27/2021
 Supervised By : Mahesh Dadoda 01/02/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	336158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	570501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	527639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	252080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	224630	50.315	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.640%			
35) Dibromofluoromethane	7.914	113	204936	53.449	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.900%			
50) Toluene-d8	10.332	98	775427	53.516	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.040%			
62) 4-Bromofluorobenzene	12.626	95	267308	51.916	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	72257	20.514	ug/l	92
3) Chloromethane	2.215	50	87894	19.487	ug/l	98
4) Vinyl Chloride	2.356	62	101727	18.821	ug/l	97
5) Bromomethane	2.762	94	78419	20.739	ug/l	98
6) Chloroethane	2.920	64	71814	20.020	ug/l	93
7) Trichlorofluoromethane	3.279	101	139308	21.054	ug/l	91
8) Diethyl Ether	3.709	74	37426	19.757	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.097	101	80529	20.919	ug/l	98
10) Methyl Iodide	4.309	142	71370	19.064	ug/l	94
11) Tert butyl alcohol	5.203	59	42322	98.597	ug/l #	89
12) 1,1-Dichloroethene	4.067	96	72694	20.757	ug/l	83
13) Acrolein	3.926	56	23357	108.303	ug/l	97
14) Allyl chloride	4.714	41	139455	21.052	ug/l #	79
15) Acrylonitrile	5.414	53	88699	95.082	ug/l	93
16) Acetone	4.156	43	101682	90.676	ug/l #	82
17) Carbon Disulfide	4.414	76	215266	18.865	ug/l	98
18) Methyl Acetate	4.720	43	68092	19.673	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	181511	20.077	ug/l	92
20) Methylene Chloride	4.961	84	104255	20.600	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	84434	20.815	ug/l #	82
22) Diisopropyl ether	6.361	45	287124	21.292	ug/l #	92
23) Vinyl Acetate	6.303	43	670002	96.378	ug/l	96
24) 1,1-Dichloroethane	6.261	63	164896	21.329	ug/l	98
25) 2-Butanone	7.208	43	123810	92.434	ug/l #	85
26) 2,2-Dichloropropane	7.214	77	138041	21.731	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	94635	21.092	ug/l	90
28) Bromochloromethane	7.544	49	62095	19.600	ug/l	88
29) Tetrahydrofuran	7.555	42	76254	94.818	ug/l	94
30) Chloroform	7.708	83	170542	21.863	ug/l	99
31) Cyclohexane	7.979	56	147859	19.496	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	151575	21.910	ug/l	93
36) 1,1-Dichloropropene	8.108	75	127411	20.799	ug/l	99
37) Ethyl Acetate	7.285	43	54356	19.220	ug/l #	89
38) Carbon Tetrachloride	8.097	117	125976	20.845	ug/l	93
39) Methylcyclohexane	9.349	83	142245	19.837	ug/l	98
40) Benzene	8.344	78	346244	21.026	ug/l	97

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41) Methacrylonitrile	7.514	41	31807	18.935	ug/l #	80
42) 1,2-Dichloroethane	8.420	62	109015	20.301	ug/l	94
43) Isopropyl Acetate	8.449	43	105124	18.731	ug/l	92
44) Trichloroethene	9.108	130	91577	21.340	ug/l	98
45) 1,2-Dichloropropane	9.385	63	89635	20.977	ug/l	97
46) Dibromomethane	9.467	93	47987	20.327	ug/l	95
47) Bromodichloromethane	9.655	83	124946	20.846	ug/l	98
48) Methyl methacrylate	9.449	41	54329	19.562	ug/l #	81
49) 1,4-Dioxane	9.449	88	9086	340.586	ug/l #	88
51) 4-Methyl-2-Pentanone	10.220	43	274621	93.008	ug/l	90
52) Toluene	10.396	92	220905	21.117	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	112906	20.173	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	136709	21.137	ug/l #	78
55) 1,1,2-Trichloroethane	10.796	97	62328	20.800	ug/l	95
56) Ethyl methacrylate	10.655	69	80277	20.358	ug/l #	76
57) 1,3-Dichloropropane	10.938	76	113472	20.673	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	179179	94.859	ug/l	99
59) 2-Hexanone	10.979	43	194746	93.309	ug/l	88
60) Dibromochloromethane	11.132	129	77007	20.443	ug/l	99
61) 1,2-Dibromoethane	11.238	107	58374	19.668	ug/l	94
64) Tetrachloroethene	10.873	164	75888	20.697	ug/l	94
65) Chlorobenzene	11.661	112	228985	21.157	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.732	131	82047	20.751	ug/l	99
67) Ethyl Benzene	11.738	91	431722	21.434	ug/l	97
68) m/p-Xylenes	11.843	106	317728	41.520	ug/l	91
69) o-Xylene	12.173	106	149339	21.350	ug/l	93
70) Styrene	12.185	104	255615	21.035	ug/l	96
71) Bromoform	12.355	173	41136	19.226	ug/l #	95
73) Isopropylbenzene	12.473	105	414877	21.348	ug/l	98
74) N-amyl acetate	12.279	43	97185	18.639	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	67907	19.327	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	55986m	18.692	ug/l	
77) Bromobenzene	12.749	156	87621	20.261	ug/l	94
78) n-propylbenzene	12.808	91	510750	20.967	ug/l	99
79) 2-Chlorotoluene	12.896	91	287058	21.086	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	347154	21.657	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	19853	18.729	ug/l #	81
82) 4-Chlorotoluene	12.996	91	302420	21.416	ug/l	99
83) tert-Butylbenzene	13.214	119	289593	21.142	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	342018	21.558	ug/l	97
85) sec-Butylbenzene	13.390	105	444113	21.268	ug/l	99
86) p-Isopropyltoluene	13.502	119	364821	21.055	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	180437	20.718	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	180883	21.181	ug/l	98
89) n-Butylbenzene	13.832	91	360210	21.181	ug/l	99
90) Hexachloroethane	14.096	117	69130	21.061	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	155701	21.065	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	11616	19.064	ug/l	93
93) 1,2,4-Trichlorobenzene	15.149	180	94221	20.918	ug/l	97
94) Hexachlorobutadiene	15.255	225	51757	21.450	ug/l	100
95) Naphthalene	15.384	128	160183	18.683	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	78978	20.272	ug/l	98

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

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