

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071549.D
 Acq On : 30 Dec 2021 15:14
 Operator : VA/SY
 Sample : M5182-06MS
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HB-2-(20-25)-12-17-21MS

Quant Time: Dec 31 06:54:12 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 :Mahesh Dadoda 01/02/2022
 Supervised By :Semsettin Yesilyurt 01/03/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	337484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	571126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	528814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	263974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	215934	48.177	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.360%		
35) Dibromofluoromethane	7.914	113	202279	52.699	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.400%		
50) Toluene-d8	10.338	98	734619	50.644	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.280%		
62) 4-Bromofluorobenzene	12.620	95	271871	52.744	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	143733	40.645	ug/l	93
3) Chloromethane	2.209	50	202153	44.644	ug/l	99
4) Vinyl Chloride	2.350	62	236607	43.603	ug/l	97
5) Bromomethane	2.768	94	154420	40.678	ug/l	98
6) Chloroethane	2.921	64	163109	45.293	ug/l	93
7) Trichlorofluoromethane	3.274	101	313730	47.228	ug/l	93
8) Diethyl Ether	3.709	74	86004	45.223	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	182654	47.262	ug/l	95
10) Methyl Iodide	4.303	142	161550	42.984	ug/l	94
11) Tert butyl alcohol	5.226	59	47758	116.537	ug/l	98
12) 1,1-Dichloroethene	4.068	96	159905	45.479	ug/l	86
13) Acrolein	3.915	56	29279	135.229	ug/l	100
14) Allyl chloride	4.715	41	316839	47.642	ug/l #	79
15) Acrylonitrile	5.420	53	201634	215.294	ug/l	97
16) Acetone	4.156	43	282592	251.014	ug/l	89
17) Carbon Disulfide	4.409	76	464719	40.565	ug/l #	95
18) Methyl Acetate	4.721	43	145342	41.827	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	423964	46.710	ug/l	99
20) Methylene Chloride	4.968	84	206896	48.289	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	185315	45.505	ug/l	84
22) Diisopropyl ether	6.362	45	680675	50.277	ug/l	91
23) Vinyl Acetate	6.303	43	1646739	235.948	ug/l	97
24) 1,1-Dichloroethane	6.267	63	382016	49.220	ug/l	99
25) 2-Butanone	7.209	43	301656	224.326	ug/l #	89
26) 2,2-Dichloropropane	7.209	77	322218	50.526	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	224436	49.826	ug/l	92
28) Bromochloromethane	7.538	49	130876	41.149	ug/l	89
29) Tetrahydrofuran	7.562	42	174875	216.594	ug/l	92
30) Chloroform	7.709	83	394189	50.335	ug/l	97
31) Cyclohexane	7.985	56	312180	41.001	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	343576	49.468	ug/l #	92
36) 1,1-Dichloropropene	8.109	75	287342	46.856	ug/l	97
37) Ethyl Acetate	7.291	43	119740	42.294	ug/l #	92
38) Carbon Tetrachloride	8.091	117	304821	50.382	ug/l	99
39) Methylcyclohexane	9.356	83	276827	38.563	ug/l	99
40) Benzene	8.350	78	787278	47.755	ug/l	100

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41) Methacrylonitrile	7.520	41	71423	42.473	ug/l #	82
42) 1,2-Dichloroethane	8.420	62	252175	46.910	ug/l	94
43) Isopropyl Acetate	8.444	43	246978	43.959	ug/l #	89
44) Trichloroethene	9.108	130	202080	47.039	ug/l	91
45) 1,2-Dichloropropane	9.385	63	212725	49.728	ug/l	99
46) Dibromomethane	9.473	93	109384	46.283	ug/l	94
47) Bromodichloromethane	9.656	83	303385	50.562	ug/l	95
48) Methyl methacrylate	9.450	41	112957	40.628	ug/l #	79
49) 1,4-Dioxane	9.456	88	23326	873.412	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	647264	218.973	ug/l	89
52) Toluene	10.397	92	516619	49.332	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	272817	48.690	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	319699	49.377	ug/l #	81
55) 1,1,2-Trichloroethane	10.791	97	146603	48.870	ug/l	94
56) Ethyl methacrylate	10.655	69	188991	47.875	ug/l #	74
57) 1,3-Dichloropropane	10.938	76	259084	47.150	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	428016	226.348	ug/l	99
59) 2-Hexanone	10.979	43	493636	236.259	ug/l	87
60) Dibromochloromethane	11.132	129	185218	49.116	ug/l	100
61) 1,2-Dibromoethane	11.238	107	135445	45.585	ug/l	99
64) Tetrachloroethene	10.873	164	169612	46.155	ug/l	97
65) Chlorobenzene	11.661	112	527916	48.668	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	200850	50.685	ug/l	99
67) Ethyl Benzene	11.738	91	999877	49.530	ug/l	99
68) m/p-Xylenes	11.844	106	761054	99.231	ug/l	96
69) o-Xylene	12.173	106	362128	51.655	ug/l	96
70) Styrene	12.185	104	613046	50.338	ug/l	96
71) Bromoform	12.350	173	102934	48.003	ug/l #	99
73) Isopropylbenzene	12.473	105	952727	46.814	ug/l	99
74) N-amyl acetate	12.279	43	260176	47.650	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.720	83	171598	46.638	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	153922m	49.075	ug/l	
77) Bromobenzene	12.749	156	211443	46.691	ug/l	97
78) n-propylbenzene	12.808	91	1162777	45.583	ug/l	99
79) 2-Chlorotoluene	12.897	91	671045	47.071	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	779188	46.418	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	43040	38.773	ug/l #	72
82) 4-Chlorotoluene	12.997	91	693982	46.931	ug/l	100
83) tert-Butylbenzene	13.214	119	665154	46.372	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	779661	46.929	ug/l	96
85) sec-Butylbenzene	13.391	105	951828	43.527	ug/l	100
86) p-Isopropyltoluene	13.502	119	798604	44.014	ug/l	96
87) 1,3-Dichlorobenzene	13.502	146	423840	46.473	ug/l	96
88) 1,4-Dichlorobenzene	13.585	146	416924	46.622	ug/l	96
89) n-Butylbenzene	13.832	91	742732	41.706	ug/l	98
90) Hexachloroethane	14.096	117	155691	45.296	ug/l	92
91) 1,2-Dichlorobenzene	13.879	146	357826	46.230	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.491	75	27549	43.175	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	218239	46.268	ug/l #	76
94) Hexachlorobutadiene	15.249	225	74708	29.566	ug/l	98
95) Naphthalene	15.385	128	435944	48.556	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	184472	45.217	ug/l #	86

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

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