

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071435.D
 Acq On : 23 Dec 2021 10:21
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD122221

Quant Time: Dec 23 14:44:00 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 12/24/2021
 Supervised By : Mahesh Dadoda 12/28/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	376835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	637199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	588388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	278807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	237438	47.443	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.880%		
35) Dibromofluoromethane	7.914	113	208421	48.668	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.340%		
50) Toluene-d8	10.338	98	777797	48.061	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.120%		
62) 4-Bromofluorobenzene	12.620	95	281231	48.903	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	182912	46.323	ug/l	97
3) Chloromethane	2.209	50	236717	46.818	ug/l	98
4) Vinyl Chloride	2.356	62	272558	44.983	ug/l	99
5) Bromomethane	2.773	94	196328	46.317	ug/l	94
6) Chloroethane	2.926	64	190865	47.466	ug/l	88
7) Trichlorofluoromethane	3.279	101	359027	48.403	ug/l	99
8) Diethyl Ether	3.709	74	104092	49.019	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	211735	49.065	ug/l	95
10) Methyl Iodide	4.309	142	211006	50.280	ug/l	97
11) Tert butyl alcohol	5.215	59	79251	200.562	ug/l	95
12) 1,1-Dichloroethene	4.067	96	192300	48.981	ug/l	84
13) Acrolein	3.920	56	62211	257.325	ug/l	99
14) Allyl chloride	4.715	41	369725	49.789	ug/l #	79
15) Acrylonitrile	5.420	53	268237	256.501	ug/l	98
16) Acetone	4.156	43	361924	287.910	ug/l	90
17) Carbon Disulfide	4.409	76	605446	47.330	ug/l	97
18) Methyl Acetate	4.715	43	186534	48.076	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	497709	49.109	ug/l	96
20) Methylene Chloride	4.967	84	242505	51.074	ug/l	88
21) trans-1,2-Dichloroethene	5.473	96	216588	47.630	ug/l	90
22) Diisopropyl ether	6.362	45	756089	50.016	ug/l	92
23) Vinyl Acetate	6.303	43	2038771	261.615	ug/l	97
24) 1,1-Dichloroethane	6.261	63	428144	49.403	ug/l	100
25) 2-Butanone	7.209	43	393342	261.963	ug/l #	86
26) 2,2-Dichloropropane	7.209	77	364964	51.253	ug/l	94
27) cis-1,2-Dichloroethene	7.209	96	248363	49.380	ug/l	91
28) Bromochloromethane	7.544	49	162181	45.667	ug/l	90
29) Tetrahydrofuran	7.561	42	226155	250.857	ug/l	93
30) Chloroform	7.708	83	431087	49.298	ug/l	99
31) Cyclohexane	7.985	56	393885	46.330	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	384702	49.605	ug/l	94
36) 1,1-Dichloropropene	8.108	75	334127	48.836	ug/l	97
37) Ethyl Acetate	7.291	43	155190	49.132	ug/l #	93
38) Carbon Tetrachloride	8.097	117	338315	50.120	ug/l	96
39) Methylcyclohexane	9.350	83	390558	48.765	ug/l	99
40) Benzene	8.350	78	895719	48.699	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	95032	50.652	ug/l #	77
42) 1,2-Dichloroethane	8.420	62	296689	49.468	ug/l	94
43) Isopropyl Acetate	8.450	43	315393	50.315	ug/l #	88
44) Trichloroethene	9.108	130	231581	48.316	ug/l	92
45) 1,2-Dichloropropane	9.379	63	231728	48.553	ug/l	100
46) Dibromomethane	9.473	93	128098	48.581	ug/l	94
47) Bromodichloromethane	9.655	83	329698	49.249	ug/l	99
48) Methyl methacrylate	9.450	41	155646	50.177	ug/l #	83
49) 1,4-Dioxane	9.461	88	27020	906.820	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	817590	247.915	ug/l	91
52) Toluene	10.397	92	573160	49.056	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	313590	50.164	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	361441	50.035	ug/l #	79
55) 1,1,2-Trichloroethane	10.791	97	165499	49.449	ug/l	94
56) Ethyl methacrylate	10.655	69	224599	50.995	ug/l #	73
57) 1,3-Dichloropropane	10.938	76	303791	49.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	504126	238.953	ug/l	98
59) 2-Hexanone	10.979	43	618138	265.170	ug/l	89
60) Dibromochloromethane	11.132	129	212840	50.588	ug/l	99
61) 1,2-Dibromoethane	11.238	107	168178	50.733	ug/l	97
64) Tetrachloroethene	10.873	164	192176	47.001	ug/l	97
65) Chlorobenzene	11.667	112	586450	48.591	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	217979	49.438	ug/l	100
67) Ethyl Benzene	11.738	91	1129733	50.297	ug/l	99
68) m/p-Xylenes	11.844	106	856397	100.357	ug/l	94
69) o-Xylene	12.173	106	394428	50.566	ug/l	94
70) Styrene	12.185	104	694030	51.217	ug/l	97
71) Bromoform	12.349	173	121648	50.986	ug/l #	98
73) Isopropylbenzene	12.473	105	1078270	50.164	ug/l	99
74) N-amyl acetate	12.279	43	292453	50.712	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	200777	51.665	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	161490m	48.748	ug/l	
77) Bromobenzene	12.749	156	229153	47.909	ug/l	94
78) n-propylbenzene	12.814	91	1352113	50.185	ug/l	99
79) 2-Chlorotoluene	12.896	91	756259	50.226	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	904023	50.990	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	58854	50.198	ug/l #	76
82) 4-Chlorotoluene	12.996	91	786973	50.388	ug/l	99
83) tert-Butylbenzene	13.214	119	769551	50.796	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	894377	50.970	ug/l	97
85) sec-Butylbenzene	13.391	105	1162675	50.340	ug/l	99
86) p-Isopropyltoluene	13.502	119	984568	51.376	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	468282	48.614	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	461326	48.843	ug/l	99
89) n-Butylbenzene	13.832	91	958209	50.943	ug/l	98
90) Hexachloroethane	14.096	117	185017	50.964	ug/l	90
91) 1,2-Dichlorobenzene	13.879	146	403986	49.416	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	32976	48.931	ug/l	94
93) 1,2,4-Trichlorobenzene	15.149	180	248770	49.935	ug/l	96
94) Hexachlorobutadiene	15.249	225	130935	49.062	ug/l	98
95) Naphthalene	15.385	128	476823	50.284	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	214511	49.783	ug/l	99

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

