

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070837.D
 Acq On : 26 Oct 2021 13:45
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD102621

Quant Time: Oct 27 05:38:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	441975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	717810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	664138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	329247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	228567	51.419	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.840%			
35) Dibromofluoromethane	7.914	113	237872	50.260	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.520%			
50) Toluene-d8	10.332	98	946451	53.154	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.300%			
62) 4-Bromofluorobenzene	12.620	95	304718	51.867	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	195065	47.590	ug/l	99
3) Chloromethane	2.209	50	293392	50.573	ug/l	100
4) Vinyl Chloride	2.350	62	326349	50.852	ug/l	96
5) Bromomethane	2.768	94	225415	56.297	ug/l	95
6) Chloroethane	2.921	64	192488	48.548	ug/l	97
7) Trichlorofluoromethane	3.274	101	383272	48.489	ug/l	94
8) Diethyl Ether	3.709	74	119746	54.681	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	245626	48.214	ug/l	97
10) Methyl Iodide	4.297	142	238475	44.930	ug/l	99
11) Tert butyl alcohol	5.226	59	62496	264.538	ug/l	97
12) 1,1-Dichloroethene	4.068	96	232942	52.234	ug/l	94
13) Acrolein	3.915	56	59952	282.987	ug/l	96
14) Allyl chloride	4.709	41	396378	56.738	ug/l	99
15) Acrylonitrile	5.420	53	278540	265.535	ug/l	98
16) Acetone	4.156	43	268662	259.783	ug/l	99
17) Carbon Disulfide	4.409	76	829146	52.593	ug/l	98
18) Methyl Acetate	4.721	43	180104	50.800	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	519698	56.022	ug/l	99
20) Methylene Chloride	4.962	84	303278	53.665	ug/l	98
21) trans-1,2-Dichloroethene	5.468	96	283671	53.678	ug/l	93
22) Diisopropyl ether	6.362	45	828547	57.192	ug/l	98
23) Vinyl Acetate	6.303	43	2007722	272.966	ug/l	99
24) 1,1-Dichloroethane	6.262	63	511973	52.433	ug/l	99
25) 2-Butanone	7.209	43	345411	271.361	ug/l	97
26) 2,2-Dichloropropane	7.203	77	391617	50.268	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	308151	54.412	ug/l	98
28) Bromochloromethane	7.544	49	200504	52.366	ug/l	100
29) Tetrahydrofuran	7.562	42	219923	285.985	ug/l	99
30) Chloroform	7.709	83	492186	50.221	ug/l	96
31) Cyclohexane	7.979	56	465611	51.405	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	416788	49.796	ug/l	98
36) 1,1-Dichloropropene	8.109	75	391270	52.098	ug/l	99
37) Ethyl Acetate	7.291	43	155427	55.662	ug/l	95
38) Carbon Tetrachloride	8.097	117	370455	49.052	ug/l	99
39) Methylcyclohexane	9.350	83	462773	53.549	ug/l	94
40) Benzene	8.350	78	1137725	52.106	ug/l	100

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41) Methacrylonitrile	7.526	41	84440	57.165	ug/l #	80
42) 1,2-Dichloroethane	8.420	62	278442	50.086	ug/l	98
43) Isopropyl Acetate	8.450	43	276563	53.282	ug/l	99
44) Trichloroethene	9.109	130	284034	50.349	ug/l	98
45) 1,2-Dichloropropane	9.385	63	297942	51.468	ug/l	99
46) Dibromomethane	9.473	93	146108	51.481	ug/l	99
47) Bromodichloromethane	9.656	83	367938	50.150	ug/l	99
48) Methyl methacrylate	9.450	41	141562	57.081	ug/l	97
49) 1,4-Dioxane	9.450	88	32323	1067.088	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	753203	276.732	ug/l	99
52) Toluene	10.397	92	715349	54.513	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	344679	53.905	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	414935	52.557	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	205629	51.086	ug/l	95
56) Ethyl methacrylate	10.656	69	251612	50.962	ug/l	99
57) 1,3-Dichloropropane	10.938	76	357344	52.689	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	503646	263.199	ug/l	98
59) 2-Hexanone	10.979	43	540971	278.423	ug/l	99
60) Dibromochloromethane	11.132	129	242271	50.163	ug/l	99
61) 1,2-Dibromoethane	11.238	107	190115	51.169	ug/l	99
64) Tetrachloroethene	10.873	164	239902	52.649	ug/l	98
65) Chlorobenzene	11.661	112	723133	53.071	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	262707	51.973	ug/l	99
67) Ethyl Benzene	11.738	91	1321660	55.702	ug/l	98
68) m/p-Xylenes	11.844	106	1035073	112.036	ug/l	100
69) o-Xylene	12.173	106	470707	56.254	ug/l	99
70) Styrene	12.185	104	827535	57.103	ug/l	100
71) Bromoform	12.350	173	139717	52.306	ug/l #	98
73) Isopropylbenzene	12.467	105	1236043	56.284	ug/l	100
74) N-amyl acetate	12.279	43	272641	56.449	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	229019	51.105	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	143379m	44.237	ug/l	
77) Bromobenzene	12.750	156	279767	52.285	ug/l	97
78) n-propylbenzene	12.808	91	1551410	55.038	ug/l	98
79) 2-Chlorotoluene	12.897	91	889994	54.377	ug/l	100
80) 1,3,5-Trimethylbenzene	12.950	105	1033442	55.447	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	69612	56.371	ug/l	95
82) 4-Chlorotoluene	12.997	91	922214	54.219	ug/l	100
83) tert-Butylbenzene	13.214	119	876790	56.415	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	1043597	56.790	ug/l	99
85) sec-Butylbenzene	13.391	105	1335740	54.491	ug/l	100
86) p-Isopropyltoluene	13.502	119	1103390	55.951	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	568837	51.481	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	559958	51.099	ug/l	99
89) n-Butylbenzene	13.832	91	1055197	54.610	ug/l	99
90) Hexachloroethane	14.097	117	217294	49.101	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	489642	51.932	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	32714	50.107	ug/l	99
93) 1,2,4-Trichlorobenzene	15.144	180	289460	53.131	ug/l	99
94) Hexachlorobutadiene	15.249	225	183333	51.075	ug/l	99
95) Naphthalene	15.385	128	524863	50.695	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	261270	55.188	ug/l	99

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

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