

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110521\
 Data File : VD070926.D
 Acq On : 05 Nov 2021 14:52
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 06 23:27:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 06 23:24:21 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	453933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	778796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	704204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	314749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	111791	23.628	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	47.260%#		
35) Dibromofluoromethane	7.908	113	98549	19.511	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.020%#		
50) Toluene-d8	10.332	98	382642	20.149	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	40.300%#		
62) 4-Bromofluorobenzene	12.620	95	144390	22.570	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	45.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	100406	23.210	ug/l	98
3) Chloromethane	2.209	50	93850	16.379	ug/l	96
4) Vinyl Chloride	2.350	62	88749	14.156	ug/l	98
5) Bromomethane	2.756	94	48991	11.027	ug/l	100
6) Chloroethane	2.915	64	53674	13.822	ug/l	89
7) Trichlorofluoromethane	3.267	101	156975	19.019	ug/l	96
8) Diethyl Ether	3.709	74	43693	19.198	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	89965	17.146	ug/l	99
10) Methyl Iodide	4.297	142	81493	17.739	ug/l	97
11) Tert butyl alcohol	5.214	59	34036	128.148	ug/l #	71
12) 1,1-Dichloroethene	4.067	96	84643	18.462	ug/l #	80
13) Acrolein	3.920	56	13667	68.440	ug/l	90
14) Allyl chloride	4.714	41	185226	24.439	ug/l #	85
15) Acrylonitrile	5.414	53	99224	91.294	ug/l	94
16) Acetone	4.156	43	96664	87.828	ug/l #	85
17) Carbon Disulfide	4.409	76	280969	17.557	ug/l	99
18) Methyl Acetate	4.720	43	75429	20.039	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	220404	22.300	ug/l	94
20) Methylene Chloride	4.956	84	114507	15.785	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	96821	17.969	ug/l #	83
22) Diisopropyl ether	6.361	45	328950	21.573	ug/l	94
23) Vinyl Acetate	6.303	43	772839	109.730	ug/l	99
24) 1,1-Dichloroethane	6.261	63	184622	18.288	ug/l	99
25) 2-Butanone	7.208	43	135152	99.982	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	170445	20.618	ug/l	97
27) cis-1,2-Dichloroethene	7.214	96	104270	17.927	ug/l	87
28) Bromochloromethane	7.544	49	82557	20.932	ug/l	92
29) Tetrahydrofuran	7.561	42	86986	106.402	ug/l	93
30) Chloroform	7.708	83	177505	17.581	ug/l	97
31) Cyclohexane	7.979	56	198227	20.913	ug/l #	95
32) 1,1,1-Trichloroethane	7.902	97	165120	18.937	ug/l	96
36) 1,1-Dichloropropene	8.108	75	142992	17.787	ug/l	99
37) Ethyl Acetate	7.291	43	62209	20.264	ug/l	95
38) Carbon Tetrachloride	8.091	117	142497	17.567	ug/l	97
39) Methylcyclohexane	9.349	83	190741	20.348	ug/l	98
40) Benzene	8.350	78	385278	16.735	ug/l	100

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41) Methacrylonitrile	7.514	41	41268	24.315	ug/l #	80
42) 1,2-Dichloroethane	8.420	62	120885	19.699	ug/l	96
43) Isopropyl Acetate	8.450	43	129405	22.111	ug/l	90
44) Trichloroethene	9.108	130	103349	17.090	ug/l	91
45) 1,2-Dichloropropane	9.385	63	100829	16.447	ug/l	97
46) Dibromomethane	9.473	93	50846	16.861	ug/l	93
47) Bromodichloromethane	9.655	83	134104	17.016	ug/l	100
48) Methyl methacrylate	9.449	41	65757	23.394	ug/l #	80
49) 1,4-Dioxane	9.449	88	11591	356.934	ug/l #	75
51) 4-Methyl-2-Pentanone	10.220	43	308326	102.628	ug/l	92
52) Toluene	10.396	92	245456	17.661	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	137615	19.720	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	156308	18.270	ug/l #	80
55) 1,1,2-Trichloroethane	10.791	97	65216	15.377	ug/l	95
56) Ethyl methacrylate	10.655	69	97910	20.302	ug/l #	79
57) 1,3-Dichloropropane	10.938	76	122114	16.935	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	265438	124.161	ug/l	100
59) 2-Hexanone	10.979	43	217914	101.867	ug/l	92
60) Dibromochloromethane	11.132	129	84092	16.403	ug/l	100
61) 1,2-Dibromoethane	11.238	107	65864	16.697	ug/l	98
64) Tetrachloroethene	10.867	164	84893	17.840	ug/l	96
65) Chlorobenzene	11.661	112	249249	17.460	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	89210	16.892	ug/l	99
67) Ethyl Benzene	11.738	91	482549	19.292	ug/l	99
68) m/p-Xylenes	11.843	106	360266	37.451	ug/l	93
69) o-Xylene	12.173	106	172494	19.558	ug/l	96
70) Styrene	12.185	104	284823	18.842	ug/l	95
71) Bromoform	12.349	173	45878	16.534	ug/l #	98
73) Isopropylbenzene	12.467	105	461257	21.517	ug/l	100
74) N-amyl acetate	12.279	43	125919	25.225	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	72562	17.037	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	61150m	19.554	ug/l	
77) Bromobenzene	12.749	156	95797	18.722	ug/l	90
78) n-propylbenzene	12.808	91	568773	20.857	ug/l	100
79) 2-Chlorotoluene	12.896	91	323196	20.394	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	384510	21.293	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	25225	20.904	ug/l	89
82) 4-Chlorotoluene	12.996	91	337378	20.511	ug/l	98
83) tert-Butylbenzene	13.214	119	331364	21.773	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	377059	21.242	ug/l	96
85) sec-Butylbenzene	13.390	105	498795	21.031	ug/l	100
86) p-Isopropyltoluene	13.502	119	405844	21.268	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	187726	17.920	ug/l	96
88) 1,4-Dichlorobenzene	13.585	146	186562	17.901	ug/l	97
89) n-Butylbenzene	13.832	91	404774	21.483	ug/l	100
90) Hexachloroethane	14.096	117	77495	18.167	ug/l	92
91) 1,2-Dichlorobenzene	13.873	146	162267	18.101	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.490	75	13273	20.558	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	105526	19.930	ug/l	95
94) Hexachlorobutadiene	15.249	225	56299	16.618	ug/l	99
95) Naphthalene	15.384	128	193773	21.324	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	87599	19.269	ug/l	96

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

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