

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070835.D
 Acq On : 26 Oct 2021 12:22
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 27 04:59:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 04:55:36 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	7.973	168	477384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	746563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	721614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	349238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	446303	92.245	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 184.480%#			
35) Dibromofluoromethane	7.909	113	470344	95.574	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 191.140%#			
50) Toluene-d8	10.332	98	1884595	101.992	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 203.980%#			
62) 4-Bromofluorobenzene	12.620	95	629923	103.226	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 206.460%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	388984	89.458	ug/l	97
3) Chloromethane	2.209	50	568667	90.733	ug/l	99
4) Vinyl Chloride	2.344	62	638223	92.705	ug/l	98
5) Bromomethane	2.750	94	419163	85.077	ug/l	99
6) Chloroethane	2.909	64	389121	91.355	ug/l	94
7) Trichlorofluoromethane	3.268	101	748042	89.321	ug/l	94
8) Diethyl Ether	3.709	74	240779	100.553	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	488427	90.429	ug/l	97
10) Methyl Iodide	4.297	142	590395	119.121	ug/l	99
11) Tert butyl alcohol	5.226	59	114818	444.814	ug/l	98
12) 1,1-Dichloroethene	4.068	96	467222	96.827	ug/l	97
13) Acrolein	3.921	56	116910	499.061	ug/l	98
14) Allyl chloride	4.709	41	799656	106.209	ug/l	98
15) Acrylonitrile	5.420	53	559621	492.771	ug/l	98
16) Acetone	4.150	43	564220	509.555	ug/l	99
17) Carbon Disulfide	4.409	76	1638297	96.776	ug/l	99
18) Methyl Acetate	4.715	43	353180	92.062	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	1053427	106.025	ug/l	99
20) Methylene Chloride	4.956	84	565554	75.454	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	554902	98.347	ug/l	95
22) Diisopropyl ether	6.362	45	1652271	105.733	ug/l	99
23) Vinyl Acetate	6.303	43	3994592	597.875	ug/l	98
24) 1,1-Dichloroethane	6.262	63	987517	93.774	ug/l	99
25) 2-Butanone	7.209	43	709113	513.023	ug/l	99
26) 2,2-Dichloropropane	7.203	77	780426	93.509	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	616345	100.045	ug/l	99
28) Bromochloromethane	7.544	49	395163	94.351	ug/l	99
29) Tetrahydrofuran	7.562	42	442022	526.827	ug/l	99
30) Chloroform	7.709	83	965371	91.762	ug/l	98
31) Cyclohexane	7.979	56	958167	98.372	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	832643	92.460	ug/l	99
36) 1,1-Dichloropropene	8.109	75	773926	99.605	ug/l	99
37) Ethyl Acetate	7.291	43	296211	101.758	ug/l	97
38) Carbon Tetrachloride	8.097	117	742947	96.310	ug/l	99
39) Methylcyclohexane	9.350	83	966212	109.113	ug/l	97
40) Benzene	8.350	78	2246507	100.314	ug/l	99

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41) Methacrylonitrile	7.514	41	165505	108.709	ug/l	86
42) 1,2-Dichloroethane	8.420	62	555086	97.138	ug/l	100
43) Isopropyl Acetate	8.444	43	558387	103.798	ug/l	97
44) Trichloroethene	9.109	130	562822	97.307	ug/l	95
45) 1,2-Dichloropropane	9.385	63	581495	97.411	ug/l	99
46) Dibromomethane	9.473	93	279771	94.934	ug/l	99
47) Bromodichloromethane	9.656	83	725970	96.668	ug/l	98
48) Methyl methacrylate	9.450	41	281971	108.824	ug/l	97
49) 1,4-Dioxane	9.456	88	65853	2093.652	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	1492110	529.271	ug/l	99
52) Toluene	10.397	92	1423182	104.454	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	678275	101.855	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	833945	102.443	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	396445	94.809	ug/l	97
56) Ethyl methacrylate	10.655	69	524449	114.664	ug/l	97
57) 1,3-Dichloropropane	10.938	76	703819	100.475	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	1059715	536.250	ug/l	99
59) 2-Hexanone	10.979	43	1107386	550.474	ug/l	99
60) Dibromochloromethane	11.132	129	488369	99.002	ug/l	98
61) 1,2-Dibromoethane	11.238	107	374330	97.740	ug/l	97
64) Tetrachloroethene	10.867	164	474245	97.039	ug/l	98
65) Chlorobenzene	11.661	112	1462302	98.689	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	528460	96.887	ug/l	99
67) Ethyl Benzene	11.738	91	2714975	106.212	ug/l	99
68) m/p-Xylenes	11.844	106	2119198	212.402	ug/l	100
69) o-Xylene	12.173	106	986339	109.382	ug/l	100
70) Styrene	12.185	104	1690301	109.003	ug/l	99
71) Bromoform	12.350	173	277966	94.724	ug/l #	98
73) Isopropylbenzene	12.473	105	2563652	109.762	ug/l	100
74) N-amyl acetate	12.279	43	549148	107.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	452204	94.979	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	278950m	88.819	ug/l	
77) Bromobenzene	12.749	156	576832	102.462	ug/l	99
78) n-propylbenzene	12.808	91	3244804	109.147	ug/l	99
79) 2-Chlorotoluene	12.897	91	1820978	106.610	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	2135526	108.538	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	130308	100.566	ug/l	97
82) 4-Chlorotoluene	12.997	91	1885280	105.040	ug/l	100
83) tert-Butylbenzene	13.214	119	1820245	111.013	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	2135026	110.128	ug/l	99
85) sec-Butylbenzene	13.391	105	2785005	108.586	ug/l	99
86) p-Isopropyltoluene	13.502	119	2319449	111.638	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	1172251	100.895	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	1126211	98.433	ug/l	99
89) n-Butylbenzene	13.832	91	2218565	109.352	ug/l	100
90) Hexachloroethane	14.096	117	443934	97.361	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	1008551	101.997	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	67163	97.325	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	609166	105.899	ug/l	98
94) Hexachlorobutadiene	15.249	225	378914	101.110	ug/l	99
95) Naphthalene	15.385	128	1110077	115.607	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	528991	106.386	ug/l	98

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

