

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100521\
 Data File : VD070568.D
 Acq On : 05 Oct 2021 12:55
 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 06 08:36:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 08:30:50 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 10/06/2021
 Supervised By :Mahesh Dadoda 10/07/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	382574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	668495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	631484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	293899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	431072	95.74	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 191.48%#			
35) Dibromofluoromethane	7.914	113	451636	101.62	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 203.24%#			
50) Toluene-d8	10.338	98	1804056	106.18	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 212.36%#			
62) 4-Bromofluorobenzene	12.620	95	604192	106.40	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 212.80%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	431070	92.38	ug/l	99
3) Chloromethane	2.209	50	537794	92.83	ug/l	100
4) Vinyl Chloride	2.350	62	608299	94.75	ug/l	98
5) Bromomethane	2.756	94	385596	88.08	ug/l	98
6) Chloroethane	2.914	64	385312	93.99	ug/l	97
7) Trichlorofluoromethane	3.273	101	779021	93.63	ug/l	98
8) Diethyl Ether	3.709	74	228631	105.61	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	472258	93.65	ug/l	98
10) Methyl Iodide	4.303	142	541693	115.68	ug/l	99
11) Tert butyl alcohol	5.220	59	103604	463.58	ug/l #	84
12) 1,1-Dichloroethene	4.067	96	449733	100.18	ug/l	97
13) Acrolein	3.920	56	107790	503.37	ug/l	99
14) Allyl chloride	4.714	41	672620	107.63	ug/l	98
15) Acrylonitrile	5.420	53	488672	520.31	ug/l	99
16) Acetone	4.156	43	410944	537.49	ug/l	96
17) Carbon Disulfide	4.409	76	1582874	96.57	ug/l	100
18) Methyl Acetate	4.714	43	292609	99.18	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	988330	110.51	ug/l	99
20) Methylene Chloride	4.967	84	546070	76.54	ug/l	99
21) trans-1,2-Dichloroethene	5.473	96	529905	100.35	ug/l	97
22) Diisopropyl ether	6.361	45	1391574	108.39	ug/l	99
23) Vinyl Acetate	6.303	43	3334958	587.42	ug/l	100
24) 1,1-Dichloroethane	6.267	63	909034	96.13	ug/l	99
25) 2-Butanone	7.208	43	546589	546.02	ug/l	100
26) 2,2-Dichloropropane	7.202	77	772565	98.72	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	572752	103.22	ug/l	99
28) Bromochloromethane	7.544	49	333027	101.15	ug/l	100
29) Tetrahydrofuran	7.561	42	352887	546.92	ug/l	98
30) Chloroform	7.708	83	928780	94.42	ug/l	99
31) Cyclohexane	7.985	56	843143	101.13	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	820532	96.85	ug/l	99
36) 1,1-Dichloropropene	8.114	75	740293	104.27	ug/l	99
37) Ethyl Acetate	7.291	43	247388	104.88	ug/l	99
38) Carbon Tetrachloride	8.097	117	733327	98.70	ug/l	99
39) Methylcyclohexane	9.349	83	913586	111.90	ug/l	99
40) Benzene	8.350	78	2130114	101.79	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	146080	120.08	ug/l	89
42) 1,2-Dichloroethane	8.426	62	524151	96.85	ug/l	100
43) Isopropyl Acetate	8.449	43	456027	105.51	ug/l	99
44) Trichloroethene	9.108	130	506102	98.08	ug/l	97
45) 1,2-Dichloropropane	9.385	63	528482	98.96	ug/l	97
46) Dibromomethane	9.473	93	269382	98.28	ug/l	100
47) Bromodichloromethane	9.661	83	691994	97.83	ug/l	99
48) Methyl methacrylate	9.449	41	227915	112.49	ug/l	97
49) 1,4-Dioxane	9.461	88	59436	2133.99	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	1222361	548.17	ug/l	99
52) Toluene	10.396	92	1369844	106.56	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	652337	105.37	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	788704	105.82	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	366886	98.25	ug/l	99
56) Ethyl methacrylate	10.655	69	471307	118.17	ug/l	99
57) 1,3-Dichloropropane	10.938	76	646215	101.73	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	1020618	567.30	ug/l	100
59) 2-Hexanone	10.979	43	853331	565.40	ug/l	98
60) Dibromochloromethane	11.132	129	439186	97.63	ug/l	99
61) 1,2-Dibromoethane	11.238	107	349152	100.42	ug/l	99
64) Tetrachloroethene	10.873	164	404253	99.84	ug/l	96
65) Chlorobenzene	11.661	112	1343928	99.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	484326	96.68	ug/l	98
67) Ethyl Benzene	11.738	91	2561346	110.23	ug/l	99
68) m/p-Xylenes	11.843	106	1991044	217.58	ug/l	100
69) o-Xylene	12.173	106	917041	112.67	ug/l	100
70) Styrene	12.185	104	1576480	109.93	ug/l	99
71) Bromoform	12.349	173	232256	98.76	ug/l #	99
73) Isopropylbenzene	12.473	105	2397475	111.89	ug/l	99
74) N-amyl acetate	12.279	43	448020	110.96	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	403999	96.44	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	265065m	151.52	ug/l	
77) Bromobenzene	12.749	156	496955	103.74	ug/l	98
78) n-propylbenzene	12.808	91	3003572	110.77	ug/l	99
79) 2-Chlorotoluene	12.896	91	1714600	107.79	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	2036690	111.45	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	127072	106.06	ug/l	98
82) 4-Chlorotoluene	12.996	91	1780856	107.10	ug/l	99
83) tert-Butylbenzene	13.214	119	1698573	112.47	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	2013063	110.72	ug/l	99
85) sec-Butylbenzene	13.390	105	2581961	110.28	ug/l	99
86) p-Isopropyltoluene	13.502	119	2146691	112.26	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	1014901	100.89	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	994012	99.67	ug/l	99
89) n-Butylbenzene	13.832	91	2047589	112.16	ug/l	99
90) Hexachloroethane	14.096	117	408624	98.83	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	874286	101.93	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	60063	99.31	ug/l	100
93) 1,2,4-Trichlorobenzene	15.143	180	495268	107.26	ug/l	100
94) Hexachlorobutadiene	15.249	225	301381	103.28	ug/l	99
95) Naphthalene	15.384	128	979470	117.48	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	440496	108.30	ug/l	100

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

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