

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061223\
 Data File : VD076392.D
 Acq On : 12 Jun 2023 14:18
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 13 01:47:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 01:45:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/13/2023
 Supervised By :Mahesh Dadoda 06/13/2023

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	314757	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	530589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	469520	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	224645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	339321	93.334	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 186.660%#			
35) Dibromofluoromethane	7.804	113	343601	100.197	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 200.400%#			
50) Toluene-d8	10.269	98	1287478	99.071	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 198.140%#			
62) 4-Bromofluorobenzene	12.575	95	433533	97.243	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 194.480%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	282973	100.656	ug/l	98
3) Chloromethane	2.146	50	501497	94.210	ug/l	99
4) Vinyl Chloride	2.275	62	516935	101.486	ug/l	97
5) Bromomethane	2.675	94	266837	99.974	ug/l	98
6) Chloroethane	2.822	64	303821	99.049	ug/l	100
7) Trichlorofluoromethane	3.164	101	529755	103.352	ug/l	97
8) Diethyl Ether	3.587	74	174819	94.935	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.958	101	316849	102.810	ug/l	98
10) Methyl Iodide	4.152	142	430170	108.545	ug/l	93
11) Tert butyl alcohol	5.063	59	135719	446.564	ug/l	95
12) 1,1-Dichloroethene	3.934	96	315636	100.424	ug/l	# 76
13) Acrolein	3.793	56	149627	429.210	ug/l	100
14) Allyl chloride	4.558	41	600130	97.632	ug/l	# 84
15) Acrylonitrile	5.252	53	446184	476.215	ug/l	99
16) Acetone	4.016	43	378916	474.111	ug/l	# 78
17) Carbon Disulfide	4.263	76	928217	102.787	ug/l	98
18) Methyl Acetate	4.558	43	346519	95.099	ug/l	# 81
19) Methyl tert-butyl Ether	5.316	73	844603	96.847	ug/l	96
20) Methylene Chloride	4.793	84	383460	101.467	ug/l	# 72
21) trans-1,2-Dichloroethene	5.305	96	361610	99.004	ug/l	# 80
22) Diisopropyl ether	6.210	45	1235199	98.713	ug/l	# 89
23) Vinyl Acetate	6.152	43	2757416	513.072	ug/l	# 87
24) 1,1-Dichloroethane	6.110	63	686876	98.756	ug/l	96
25) 2-Butanone	7.081	43	589602	471.684	ug/l	# 77
26) 2,2-Dichloropropane	7.069	77	613068	97.896	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	426253	98.033	ug/l	82
28) Bromochloromethane	7.422	49	189858	103.193	ug/l	# 69
29) Tetrahydrofuran	7.440	42	379816	476.268	ug/l	# 75
30) Chloroform	7.593	83	677408	97.720	ug/l	98
31) Cyclohexane	7.875	56	569215	97.854	ug/l	84
32) 1,1,1-Trichloroethane	7.787	97	595126	100.523	ug/l	98
36) 1,1-Dichloropropene	8.004	75	509601	101.811	ug/l	96
37) Ethyl Acetate	7.163	43	267655	101.665	ug/l	# 89
38) Carbon Tetrachloride	7.993	117	501718	107.961	ug/l	97
39) Methylcyclohexane	9.269	83	615176	106.739	ug/l	# 88
40) Benzene	8.246	78	1479527	101.676	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	166384	98.790	ug/l #	73
42) 1,2-Dichloroethane	8.322	62	430053	99.247	ug/l	92
43) Isopropyl Acetate	8.357	43	540156	97.858	ug/l #	83
44) Trichloroethene	9.028	130	402173	101.954	ug/l	92
45) 1,2-Dichloropropane	9.304	63	388911	100.559	ug/l	99
46) Dibromomethane	9.393	93	210407	98.581	ug/l	94
47) Bromodichloromethane	9.581	83	528165	99.895	ug/l	99
48) Methyl methacrylate	9.381	41	258583	97.741	ug/l #	68
49) 1,4-Dioxane	9.387	88	49946	1972.324	ug/l #	70
51) 4-Methyl-2-Pentanone	10.157	43	1344631	490.460	ug/l #	84
52) Toluene	10.334	92	934145	101.549	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	549247	101.568	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	626678	100.770	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	277868	97.469	ug/l	96
56) Ethyl methacrylate	10.598	69	401071	101.303	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	495164	99.846	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	770208	477.599	ug/l	92
59) 2-Hexanone	10.922	43	937356	487.766	ug/l	80
60) Dibromochloromethane	11.075	129	354060	100.375	ug/l	96
61) 1,2-Dibromoethane	11.181	107	279065	100.897	ug/l	99
64) Tetrachloroethene	10.810	164	329844	102.330	ug/l	92
65) Chlorobenzene	11.604	112	992525	101.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	369594	101.564	ug/l	96
67) Ethyl Benzene	11.681	91	1846002	102.984	ug/l	97
68) m/p-Xylenes	11.792	106	1418433	209.139	ug/l	88
69) o-Xylene	12.122	106	676534	103.840	ug/l	89
70) Styrene	12.134	104	1145661	103.067	ug/l	94
71) Bromoform	12.298	173	212690	100.206	ug/l #	99
73) Isopropylbenzene	12.422	105	1742997	102.595	ug/l	97
74) N-amyl acetate	12.234	43	514534	99.311	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.675	83	329805	98.306	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	231022m	106.480	ug/l	
77) Bromobenzene	12.704	156	402143	100.325	ug/l	84
78) n-propylbenzene	12.763	91	2133332	103.018	ug/l	96
79) 2-Chlorotoluene	12.851	91	1179281	100.635	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	1436598	101.309	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	114820	97.887	ug/l	91
82) 4-Chlorotoluene	12.945	91	1247602	101.667	ug/l	92
83) tert-Butylbenzene	13.169	119	1252448	102.922	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	1437464	102.599	ug/l	95
85) sec-Butylbenzene	13.345	105	1857383	103.703	ug/l	97
86) p-Isopropyltoluene	13.463	119	1568565	104.006	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	786032	101.326	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	770541	100.508	ug/l	97
89) n-Butylbenzene	13.787	91	1509189	104.153	ug/l	98
90) Hexachloroethane	14.057	117	288921	103.812	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	687460	100.764	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	53685	97.412	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	459051	100.532	ug/l	97
94) Hexachlorobutadiene	15.204	225	237250	103.276	ug/l	100
95) Naphthalene	15.333	128	929863	101.411	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	406159	102.989	ug/l	99

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

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