

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077204.D
 Acq On : 27 Mar 2023 16:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.1mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 28 07:26:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

03/28/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	456185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	790807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	726992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	334235	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.583	65	340832	47.785	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.560%
35) Dibromofluoromethane	8.172	113	256587	47.817	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.640%
50) Toluene-d8	10.571	98	996053	49.539	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.854	95	332899	50.448	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.137	85	195448	41.072	ug/l	97
3) Chloromethane	2.372	50	343594	51.468	ug/l	96
4) Vinyl Chloride	2.525	62	399733	53.012	ug/l	99
5) Bromomethane	2.948	94	260040	43.204	ug/l	94
6) Chloroethane	3.125	64	317537	48.572	ug/l	96
7) Trichlorofluoromethane	3.507	101	555671	48.059	ug/l	97
8) Diethyl Ether	3.972	74	168891	44.378	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.384	101	233178	47.119	ug/l	97
10) Methyl Iodide	4.601	142	288875	51.739	ug/l	91
11) Tert butyl alcohol	5.531	59	236909	243.708	ug/l	99
12) 1,1-Dichloroethene	4.348	96	223867	47.560	ug/l #	82
13) Acrolein	4.189	56	330622	242.489	ug/l	100
14) Allyl chloride	5.031	41	409477	46.304	ug/l #	84
15) Acrylonitrile	5.731	53	739759	244.100	ug/l	99
16) Acetone	4.436	43	633605	238.908	ug/l	91
17) Carbon Disulfide	4.725	76	645861	49.036	ug/l	97
18) Methyl Acetate	5.031	43	509985	48.066	ug/l #	81
19) Methyl tert-butyl Ether	5.801	73	844752	50.487	ug/l	97
20) Methylene Chloride	5.289	84	280867	47.558	ug/l #	73
21) trans-1,2-Dichloroethene	5.789	96	250046	48.407	ug/l	82
22) Diisopropyl ether	6.678	45	958384	50.280	ug/l #	91
23) Vinyl Acetate	6.613	43	3163065	257.166	ug/l #	88
24) 1,1-Dichloroethane	6.578	63	516059	48.427	ug/l	95
25) 2-Butanone	7.489	43	1010873	243.773	ug/l #	79
26) 2,2-Dichloropropane	7.495	77	364949	49.661	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	297706	49.963	ug/l	85
28) Bromochloromethane	7.824	49	257625	47.408	ug/l #	72
29) Tetrahydrofuran	7.842	42	687181	250.152	ug/l #	74
30) Chloroform	7.972	83	514573	49.026	ug/l	96
31) Cyclohexane	8.266	56	463168	46.744	ug/l #	82
32) 1,1,1-Trichloroethane	8.177	97	442907	49.151	ug/l	95
36) 1,1-Dichloropropene	8.377	75	379389	50.800	ug/l	95
37) Ethyl Acetate	7.566	43	430738	51.744	ug/l #	89
38) Carbon Tetrachloride	8.366	117	376726	49.751	ug/l	96
39) Methylcyclohexane	9.601	83	458613	52.578	ug/l #	85
40) Benzene	8.613	78	1139073	49.767	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	238889	52.505	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	412662	47.818	ug/l	95
43) Isopropyl Acetate	8.695	43	680845	50.697	ug/l #	85
44) Trichloroethene	9.354	130	263436	50.234	ug/l	97
45) 1,2-Dichloropropane	9.624	63	304539	50.030	ug/l	97
46) Dibromomethane	9.713	93	198943	50.005	ug/l	98
47) Bromodichloromethane	9.889	83	397430	50.228	ug/l	97
48) Methyl methacrylate	9.683	41	331068	51.191	ug/l #	76
49) 1,4-Dioxane	9.695	88	114030	1034.269	ug/l #	86
51) 4-Methyl-2-Pentanone	10.448	43	2126761	251.687	ug/l #	85
52) Toluene	10.630	92	710857	50.926	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	420473	52.367	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	457529	52.068	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	272983	49.819	ug/l	98
56) Ethyl methacrylate	10.877	69	436501	53.963	ug/l #	69
57) 1,3-Dichloropropane	11.165	76	485993	49.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	796580	252.453	ug/l	90
59) 2-Hexanone	11.195	43	1541942	253.910	ug/l	83
60) Dibromochloromethane	11.360	129	295144	52.432	ug/l	96
61) 1,2-Dibromoethane	11.471	107	268830	49.366	ug/l	100
64) Tetrachloroethene	11.107	164	229896	50.978	ug/l	96
65) Chlorobenzene	11.895	112	732784	50.028	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	268089	50.099	ug/l	99
67) Ethyl Benzene	11.965	91	1365865	51.258	ug/l	99
68) m/p-Xylenes	12.071	106	1044393	103.047	ug/l	96
69) o-Xylene	12.401	106	514729	52.445	ug/l	93
70) Styrene	12.412	104	843449	53.203	ug/l	96
71) Bromoform	12.583	173	203119	51.245	ug/l #	99
73) Isopropylbenzene	12.701	105	1321398	50.248	ug/l	97
74) N-amyl acetate	12.495	43	576948	50.348	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.942	83	415843	47.341	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	377610m	55.693	ug/l	
77) Bromobenzene	12.983	156	295762	48.853	ug/l	91
78) n-propylbenzene	13.036	91	1548370	51.054	ug/l	97
79) 2-Chlorotoluene	13.130	91	917526	49.198	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	1121908	51.230	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.736	75	117425	49.915	ug/l #	70
82) 4-Chlorotoluene	13.224	91	889005	50.221	ug/l	95
83) tert-Butylbenzene	13.442	119	940661	50.786	ug/l	95
84) 1,2,4-Trimethylbenzene	13.483	105	1143820	53.149	ug/l	96
85) sec-Butylbenzene	13.618	105	1375408	52.064	ug/l	98
86) p-Isopropyltoluene	13.730	119	1136699	53.725	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	561893	51.422	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	546654	50.019	ug/l	99
89) n-Butylbenzene	14.059	91	972892	56.088	ug/l	97
90) Hexachloroethane	14.336	117	205673	52.164	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	551771	50.627	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	78170	50.292	ug/l	86
93) 1,2,4-Trichlorobenzene	15.395	180	269444	50.702	ug/l	99
94) Hexachlorobutadiene	15.500	225	145300	52.556	ug/l	99
95) Naphthalene	15.642	128	863201	48.411	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	261266	49.983	ug/l	99

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

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