

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077096.D
 Acq On : 22 Mar 2023 10:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 22 23:18:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/23/2023
 Supervised By :Semsettin Yesilyurt 03/23/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	382470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	674106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	611153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	286527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	302844	49.571	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.140%		
35) Dibromofluoromethane	8.172	113	227408	48.171	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.340%		
50) Toluene-d8	10.572	98	867047	51.416	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.840%		
62) 4-Bromofluorobenzene	12.848	95	325668	54.652	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	131236	35.989	ug/l	98
3) Chloromethane	2.378	50	128052	33.229	ug/l	100
4) Vinyl Chloride	2.531	62	175250	42.132	ug/l	95
5) Bromomethane	2.949	94	131367	46.756	ug/l	98
6) Chloroethane	3.125	64	113578	43.153	ug/l	97
7) Trichlorofluoromethane	3.507	101	422870	47.257	ug/l	98
8) Diethyl Ether	3.972	74	160894	47.776	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	233571	46.015	ug/l	99
10) Methyl Iodide	4.607	142	270698	47.349	ug/l	97
11) Tert butyl alcohol	5.531	59	183869	206.541	ug/l	100
12) 1,1-Dichloroethene	4.354	96	216113	46.541	ug/l	92
13) Acrolein	4.190	56	254091	230.763	ug/l	99
14) Allyl chloride	5.037	41	451225	53.080	ug/l	95
15) Acrylonitrile	5.725	53	667681	223.098	ug/l	98
16) Acetone	4.437	43	708685	260.339	ug/l	97
17) Carbon Disulfide	4.725	76	581404	42.940	ug/l	100
18) Methyl Acetate	5.031	43	456724	44.493	ug/l	100
19) Methyl tert-butyl Ether	5.801	73	819277	49.161	ug/l	97
20) Methylene Chloride	5.290	84	265908	45.009	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	234025	46.498	ug/l	93
22) Diisopropyl ether	6.678	45	943206	50.641	ug/l	99
23) Vinyl Acetate	6.613	43	2937712	249.949	ug/l	100
24) 1,1-Dichloroethane	6.578	63	503988	47.288	ug/l	100
25) 2-Butanone	7.489	43	921718	231.464	ug/l	99
26) 2,2-Dichloropropane	7.495	77	409098	51.015	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	287407	49.860	ug/l	99
28) Bromochloromethane	7.819	49	208631	45.076	ug/l	96
29) Tetrahydrofuran	7.842	42	588804	228.179	ug/l	99
30) Chloroform	7.972	83	493350	47.692	ug/l	99
31) Cyclohexane	8.260	56	457109	45.731	ug/l	97
32) 1,1,1-Trichloroethane	8.172	97	426933	48.288	ug/l	99
36) 1,1-Dichloropropene	8.378	75	366015	49.639	ug/l	99
37) Ethyl Acetate	7.566	43	374164	47.427	ug/l	98
38) Carbon Tetrachloride	8.366	117	355165	49.451	ug/l	99
39) Methylcyclohexane	9.607	83	451090	52.266	ug/l	100
40) Benzene	8.613	78	1089720	48.730	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	216672	50.981	ug/l	98
42) 1,2-Dichloroethane	8.672	62	391402	48.437	ug/l	99
43) Isopropyl Acetate	8.695	43	610031	49.499	ug/l	100
44) Trichloroethene	9.354	130	240596	46.840	ug/l	95
45) 1,2-Dichloropropane	9.625	63	297226	50.044	ug/l	99
46) Dibromomethane	9.713	93	180554	48.202	ug/l	99
47) Bromodichloromethane	9.889	83	393732	50.118	ug/l	98
48) Methyl methacrylate	9.683	41	304688	51.714	ug/l	97
49) 1,4-Dioxane	9.695	88	87184	866.375	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	1845056	240.412	ug/l	99
52) Toluene	10.630	92	670395	50.210	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	415677	53.986	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	459988	52.948	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	261147	49.599	ug/l	98
56) Ethyl methacrylate	10.877	69	419037	52.927	ug/l	99
57) 1,3-Dichloropropane	11.166	76	471623	48.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	784776	232.504	ug/l	99
59) 2-Hexanone	11.201	43	1366364	245.464	ug/l	98
60) Dibromochloromethane	11.360	129	267165	50.515	ug/l	99
61) 1,2-Dibromoethane	11.471	107	255080	48.855	ug/l	98
64) Tetrachloroethene	11.107	164	187475	45.707	ug/l	95
65) Chlorobenzene	11.895	112	678713	48.266	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	251657	48.366	ug/l	99
67) Ethyl Benzene	11.966	91	1322258	51.768	ug/l	99
68) m/p-Xylenes	12.071	106	981613	103.627	ug/l	99
69) o-Xylene	12.401	106	481447	51.151	ug/l	98
70) Styrene	12.413	104	792361	54.073	ug/l	99
71) Bromoform	12.583	173	174489	49.489	ug/l #	98
73) Isopropylbenzene	12.701	105	1268510	49.402	ug/l	99
74) N-amyl acetate	12.495	43	536507	48.272	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	389083	41.825	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	298099m	40.222	ug/l	
77) Bromobenzene	12.983	156	266836	46.389	ug/l	97
78) n-propylbenzene	13.036	91	1535415	51.798	ug/l	100
79) 2-Chlorotoluene	13.130	91	919399	48.677	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1087666	50.734	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	124673	46.303	ug/l	96
82) 4-Chlorotoluene	13.224	91	907809	50.544	ug/l	100
83) tert-Butylbenzene	13.442	119	903928	50.219	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1093561	51.115	ug/l	100
85) sec-Butylbenzene	13.618	105	1345711	52.557	ug/l	99
86) p-Isopropyltoluene	13.730	119	1092326	53.123	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	514235	47.302	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	504267	46.621	ug/l	99
89) n-Butylbenzene	14.060	91	1004575	55.690	ug/l	100
90) Hexachloroethane	14.336	117	198600	47.506	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	497245	45.886	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	73016	42.358	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	257370	52.538	ug/l	100
94) Hexachlorobutadiene	15.501	225	129018	47.823	ug/l	99
95) Naphthalene	15.642	128	818242	43.250	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	245829	50.012	ug/l	99

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

