

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073037.D
 Acq On : 23 Jun 2022 10:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 24 01:16:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	242491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	426867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	383947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.604	152	178724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	182642	55.710	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.420%			
35) Dibromofluoromethane	7.945	113	141087	53.474	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.940%			
50) Toluene-d8	10.375	98	528381	53.820	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.640%			
62) 4-Bromofluorobenzene	12.663	95	194470	55.086	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	126425	54.758	ug/l	95
3) Chloromethane	2.269	50	123307	49.687	ug/l	97
4) Vinyl Chloride	2.410	62	114085	55.099	ug/l	97
5) Bromomethane	2.787	94	45162	55.408	ug/l	98
6) Chloroethane	2.957	64	74467	57.487	ug/l	96
7) Trichlorofluoromethane	3.316	101	213377	63.283	ug/l	99
8) Diethyl Ether	3.763	74	94807	54.481	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.146	101	122736	52.660	ug/l	98
10) Methyl Iodide	4.351	142	86647	32.434	ug/l	98
11) Tert butyl alcohol	5.287	59	210774	248.890	ug/l	99
12) 1,1-Dichloroethene	4.116	96	120357	51.841	ug/l	94
13) Acrolein	3.981	56	73709	220.997	ug/l	97
14) Allyl chloride	4.757	41	259022	52.220	ug/l #	93
15) Acrylonitrile	5.469	53	532600	272.822	ug/l	99
16) Acetone	4.216	43	473818	262.922	ug/l	96
17) Carbon Disulfide	4.457	76	267674	44.999	ug/l	96
18) Methyl Acetate	4.775	43	277621	57.850	ug/l	91
19) Methyl tert-butyl Ether	5.528	73	506634	58.105	ug/l	100
20) Methylene Chloride	5.016	84	153354	54.886	ug/l	91
21) trans-1,2-Dichloroethene	5.510	96	131088	51.908	ug/l	98
22) Diisopropyl ether	6.410	45	552361	59.734	ug/l	96
23) Vinyl Acetate	6.345	43	2436783	285.470	ug/l #	94
24) 1,1-Dichloroethane	6.298	63	279379	57.628	ug/l	100
25) 2-Butanone	7.257	43	750951	262.598	ug/l	89
26) 2,2-Dichloropropane	7.245	77	155993	38.631	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	169447	56.161	ug/l	99
28) Bromochloromethane	7.581	49	113126	56.423	ug/l	86
29) Tetrahydrofuran	7.604	42	504006	266.892	ug/l	87
30) Chloroform	7.739	83	284376	57.944	ug/l	99
31) Cyclohexane	8.016	56	218797	49.338	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	237526	55.151	ug/l	99
36) 1,1-Dichloropropene	8.145	75	191927	53.759	ug/l	98
37) Ethyl Acetate	7.334	43	310018	54.290	ug/l	94
38) Carbon Tetrachloride	8.134	117	193918	51.640	ug/l	98
39) Methylcyclohexane	9.386	83	211277	49.098	ug/l	93
40) Benzene	8.386	78	608215	54.208	ug/l	99

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Quant Title : SW846 8260

QLast Update : Sat Jun 18 06:22:45 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	125151	46.217	ug/l	92
42) 1,2-Dichloroethane	8.457	62	226555	56.850	ug/l	99
43) Isopropyl Acetate	8.492	43	451873	55.358	ug/l	93
44) Trichloroethene	9.145	130	150208	52.828	ug/l	96
45) 1,2-Dichloropropane	9.422	63	163597	57.043	ug/l	99
46) Dibromomethane	9.510	93	111076	57.279	ug/l	93
47) Bromodichloromethane	9.692	83	225030	58.390	ug/l	100
48) Methyl methacrylate	9.492	41	207044	55.555	ug/l	89
49) 1,4-Dioxane	9.498	88	77499	924.197	ug/l #	91
51) 4-Methyl-2-Pentanone	10.263	43	1478407	277.741	ug/l	91
52) Toluene	10.439	92	380936	55.301	ug/l	100
53) t-1,3-Dichloropropene	10.651	75	231342	55.816	ug/l	97
54) cis-1,3-Dichloropropene	10.122	75	246639	54.479	ug/l #	91
55) 1,1,2-Trichloroethane	10.833	97	164127	54.264	ug/l	98
56) Ethyl methacrylate	10.698	69	269362	55.563	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	277365	55.275	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.975	63	584480	273.082	ug/l	96
59) 2-Hexanone	11.022	43	1121449	272.393	ug/l	89
60) Dibromochloromethane	11.175	129	171257	59.912	ug/l	100
61) 1,2-Dibromoethane	11.280	107	167688	56.238	ug/l	100
64) Tetrachloroethene	10.910	164	123252	52.768	ug/l	95
65) Chlorobenzene	11.704	112	409433	54.604	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.775	131	155789	54.588	ug/l	99
67) Ethyl Benzene	11.780	91	738086	55.917	ug/l	98
68) m/p-Xylenes	11.886	106	561826	108.521	ug/l	96
69) o-Xylene	12.216	106	286373	55.357	ug/l	100
70) Styrene	12.227	104	474573	57.125	ug/l	99
71) Bromoform	12.392	173	124100	57.671	ug/l #	99
73) Isopropylbenzene	12.516	105	737349	53.328	ug/l	99
74) N-amyl acetate	12.322	43	368456	51.352	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	256756	51.563	ug/l	100
76) 1,2,3-Trichloropropane	12.816	75	225812m	52.113	ug/l	
77) Bromobenzene	12.792	156	176497	53.284	ug/l	91
78) n-propylbenzene	12.857	91	845552	55.597	ug/l	98
79) 2-Chlorotoluene	12.939	91	525997	53.410	ug/l	97
80) 1,3,5-Trimethylbenzene	12.992	105	618105	54.423	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	76233	47.512	ug/l	97
82) 4-Chlorotoluene	13.039	91	513517	55.111	ug/l	99
83) tert-Butylbenzene	13.257	119	541017	52.013	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	614567	54.328	ug/l	98
85) sec-Butylbenzene	13.433	105	755313	54.435	ug/l	98
86) p-Isopropyltoluene	13.551	119	615612	54.799	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	312788	52.893	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	320082	53.477	ug/l	99
89) n-Butylbenzene	13.874	91	501818	54.706	ug/l	99
90) Hexachloroethane	14.145	117	119158	56.264	ug/l	86
91) 1,2-Dichlorobenzene	13.921	146	326441	52.932	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	60107	47.863	ug/l	92
93) 1,2,4-Trichlorobenzene	15.192	180	174285	51.064	ug/l	98
94) Hexachlorobutadiene	15.298	225	70395	47.397	ug/l	97
95) Naphthalene	15.427	128	635856	46.054	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	171246	46.986	ug/l	99

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

