

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071922\
 Data File : VN073511.D
 Acq On : 19 Jul 2022 11:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 20 06:23:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/20/2022
 Supervised By : Mahesh Dadoda 07/20/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	195759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	336871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	311051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	158143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	149801	53.008	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.020%			
35) Dibromofluoromethane	7.951	113	123273	55.002	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.000%			
50) Toluene-d8	10.375	98	408751	51.350	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.700%			
62) 4-Bromofluorobenzene	12.669	95	172272	56.315	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	134585	47.024	ug/l	98
3) Chloromethane	2.269	50	132661	47.744	ug/l	97
4) Vinyl Chloride	2.405	62	112981	47.855	ug/l	100
5) Bromomethane	2.781	94	68311	61.260	ug/l	96
6) Chloroethane	2.946	64	72856	52.460	ug/l	98
7) Trichlorofluoromethane	3.305	101	207326	50.795	ug/l	95
8) Diethyl Ether	3.757	74	88577	53.311	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.140	101	127337	52.799	ug/l	97
10) Methyl Iodide	4.352	142	127668	44.549	ug/l	95
11) Tert butyl alcohol	5.281	59	177130	258.741	ug/l	99
12) 1,1-Dichloroethene	4.104	96	110641	48.012	ug/l	93
13) Acrolein	3.975	56	68690	158.746	ug/l	99
14) Allyl chloride	4.757	41	264460	54.475	ug/l #	88
15) Acrylonitrile	5.469	53	546295	309.990	ug/l	100
16) Acetone	4.216	43	512395	323.017	ug/l	95
17) Carbon Disulfide	4.452	76	243621	40.770	ug/l	99
18) Methyl Acetate	4.769	43	307135	69.091	ug/l #	88
19) Methyl tert-butyl Ether	5.528	73	466574	55.551	ug/l	99
20) Methylene Chloride	5.010	84	145456	52.177	ug/l	89
21) trans-1,2-Dichloroethene	5.516	96	120529	50.055	ug/l	97
22) Diisopropyl ether	6.404	45	556110	61.388	ug/l #	96
23) Vinyl Acetate	6.346	43	2334317	287.807	ug/l #	93
24) 1,1-Dichloroethane	6.298	63	270299	57.658	ug/l	98
25) 2-Butanone	7.251	43	808547	320.150	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	211932	48.880	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	152816	52.407	ug/l	92
28) Bromochloromethane	7.575	49	120243	61.244	ug/l #	81
29) Tetrahydrofuran	7.604	42	532054	307.673	ug/l #	84
30) Chloroform	7.740	83	270354	57.258	ug/l	99
31) Cyclohexane	8.016	56	219718	47.473	ug/l	89
32) 1,1,1-Trichloroethane	7.940	97	222874	52.967	ug/l	99
36) 1,1-Dichloropropene	8.145	75	183706	53.270	ug/l	97
37) Ethyl Acetate	7.334	43	305239	58.578	ug/l #	94
38) Carbon Tetrachloride	8.128	117	179429	50.312	ug/l	99
39) Methylcyclohexane	9.392	83	211930	49.361	ug/l	90
40) Benzene	8.387	78	578616	54.366	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	157964	62.507	ug/l #	85
42) 1,2-Dichloroethane	8.457	62	215117	55.759	ug/l	99
43) Isopropyl Acetate	8.492	43	438513	58.556	ug/l #	93
44) Trichloroethene	9.145	130	136757	50.493	ug/l	92
45) 1,2-Dichloropropane	9.422	63	158874	58.567	ug/l	98
46) Dibromomethane	9.516	93	100433	54.527	ug/l	91
47) Bromodichloromethane	9.698	83	208168	58.353	ug/l	92
48) Methyl methacrylate	9.492	41	197360	56.919	ug/l	90
49) 1,4-Dioxane	9.504	88	75431	1145.944	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	1536860	323.614	ug/l	90
52) Toluene	10.439	92	360005	54.734	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	218173	55.555	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	238532	56.261	ug/l	92
55) 1,1,2-Trichloroethane	10.839	97	153781	56.792	ug/l	98
56) Ethyl methacrylate	10.698	69	253650	57.955	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	265484	57.194	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	575872	295.031	ug/l	93
59) 2-Hexanone	11.022	43	1165126	321.853	ug/l	89
60) Dibromochloromethane	11.175	129	154810	59.965	ug/l	100
61) 1,2-Dibromoethane	11.286	107	151157	55.888	ug/l	99
64) Tetrachloroethene	10.916	164	127821	50.324	ug/l	98
65) Chlorobenzene	11.710	112	368527	52.386	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	139630	53.962	ug/l	99
67) Ethyl Benzene	11.780	91	692561	54.227	ug/l	99
68) m/p-Xylenes	11.892	106	522761	108.458	ug/l	95
69) o-Xylene	12.216	106	258009	52.435	ug/l	95
70) Styrene	12.233	104	442791	58.286	ug/l	99
71) Bromoform	12.398	173	112381	59.355	ug/l #	100
73) Isopropylbenzene	12.516	105	689057	50.457	ug/l	98
74) N-amyl acetate	12.327	43	351535	51.409	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	247479	54.611	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	215575m	52.133	ug/l	
77) Bromobenzene	12.798	156	154783	48.749	ug/l	84
78) n-propylbenzene	12.857	91	821369	54.141	ug/l	97
79) 2-Chlorotoluene	12.945	91	495834	51.639	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	576006	51.748	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	79513	52.734	ug/l	93
82) 4-Chlorotoluene	13.045	91	480963	51.740	ug/l	96
83) tert-Butylbenzene	13.263	119	501572	50.262	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	577734	51.986	ug/l	96
85) sec-Butylbenzene	13.439	105	728662	54.378	ug/l	97
86) p-Isopropyltoluene	13.557	119	588409	54.359	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	288440	50.638	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	286291	50.164	ug/l	98
89) n-Butylbenzene	13.880	91	511394	56.695	ug/l	97
90) Hexachloroethane	14.151	117	106437	52.762	ug/l	84
91) 1,2-Dichlorobenzene	13.922	146	295211	50.877	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	56134	50.964	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	155602	51.502	ug/l	98
94) Hexachlorobutadiene	15.298	225	70923	52.807	ug/l	98
95) Naphthalene	15.433	128	569552	46.730	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	158753	50.938	ug/l	97

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

