

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073838.D
 Acq On : 11 Aug 2022 20:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 12 06:10:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/12/2022
 Supervised By : Mahesh Dadoda 08/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	398023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	626948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	594335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	306207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	229971	47.411	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.820%		
35) Dibromofluoromethane	7.951	113	203865	51.784	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.560%		
50) Toluene-d8	10.381	98	756328	48.821	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.640%		
62) 4-Bromofluorobenzene	12.675	95	264217	48.661	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	202315	52.406	ug/l	99
3) Chloromethane	2.263	50	250538	54.207	ug/l	97
4) Vinyl Chloride	2.405	62	298073	44.147	ug/l	99
5) Bromomethane	2.775	94	167774	42.845	ug/l	99
6) Chloroethane	2.940	64	204500	52.015	ug/l	98
7) Trichlorofluoromethane	3.299	101	413200	59.381	ug/l	99
8) Diethyl Ether	3.763	74	130378	49.899	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.128	101	191325	49.696	ug/l	97
10) Methyl Iodide	4.340	142	222826	56.933	ug/l	97
11) Tert butyl alcohol	5.304	59	298705	285.544	ug/l	100
12) 1,1-Dichloroethene	4.104	96	189503	50.182	ug/l	94
13) Acrolein	3.975	56	252726	243.688	ug/l	97
14) Allyl chloride	4.752	41	299221	49.560	ug/l	98
15) Acrylonitrile	5.475	53	780711	269.798	ug/l	100
16) Acetone	4.222	43	658622	252.803	ug/l	99
17) Carbon Disulfide	4.452	76	500600	49.995	ug/l	100
18) Methyl Acetate	4.775	43	341573	52.699	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	690541	53.526	ug/l	98
20) Methylene Chloride	5.010	84	237112	56.548	ug/l	99
21) trans-1,2-Dichloroethene	5.504	96	209208	51.178	ug/l	96
22) Diisopropyl ether	6.410	45	664708	51.031	ug/l	96
23) Vinyl Acetate	6.351	43	2987265	273.540	ug/l	100
24) 1,1-Dichloroethane	6.298	63	392971	49.039	ug/l	100
25) 2-Butanone	7.263	43	1062113	262.514	ug/l	99
26) 2,2-Dichloropropane	7.245	77	235684	38.228	ug/l	97
27) cis-1,2-Dichloroethene	7.251	96	253486	50.329	ug/l	93
28) Bromochloromethane	7.581	49	156500	46.513	ug/l	100
29) Tetrahydrofuran	7.610	42	692709	270.797	ug/l	99
30) Chloroform	7.745	83	411846	49.328	ug/l	100
31) Cyclohexane	8.022	56	337182	46.692	ug/l	99
32) 1,1,1-Trichloroethane	7.940	97	356133	51.372	ug/l	98
36) 1,1-Dichloropropene	8.145	75	291886	52.021	ug/l	100
37) Ethyl Acetate	7.340	43	414977	56.158	ug/l	98
38) Carbon Tetrachloride	8.134	117	306539	53.791	ug/l	97
39) Methylcyclohexane	9.398	83	359193	53.571	ug/l	97
40) Benzene	8.392	78	944350	51.829	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	184078	55.052	ug/l	96
42) 1,2-Dichloroethane	8.463	62	317491	51.703	ug/l	99
43) Isopropyl Acetate	8.498	43	559989	56.107	ug/l	100
44) Trichloroethene	9.151	130	242887	52.567	ug/l	100
45) 1,2-Dichloropropane	9.428	63	236798	51.995	ug/l	96
46) Dibromomethane	9.516	93	168325	53.253	ug/l	98
47) Bromodichloromethane	9.704	83	322711	53.195	ug/l	99
48) Methyl methacrylate	9.498	41	251418	57.548	ug/l	96
49) 1,4-Dioxane	9.510	88	151771	1232.381	ug/l	97
51) 4-Methyl-2-Pentanone	10.275	43	2031680	283.810	ug/l	100
52) Toluene	10.445	92	604543	54.320	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	328609	54.830	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	359523	53.234	ug/l	100
55) 1,1,2-Trichloroethane	10.839	97	251134	54.113	ug/l	97
56) Ethyl methacrylate	10.704	69	394201	61.629	ug/l	100
57) 1,3-Dichloropropane	10.986	76	419142	53.231	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	879597	259.472	ug/l	99
59) 2-Hexanone	11.028	43	1609075	296.678	ug/l	99
60) Dibromochloromethane	11.181	129	266079	57.630	ug/l	99
61) 1,2-Dibromoethane	11.286	107	262751	54.971	ug/l	100
64) Tetrachloroethene	10.916	164	233452	49.425	ug/l	98
65) Chlorobenzene	11.710	112	655536	51.927	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	249039	55.000	ug/l	97
67) Ethyl Benzene	11.786	91	1154106	54.190	ug/l	98
68) m/p-Xylenes	11.892	106	907147	111.678	ug/l	100
69) o-Xylene	12.222	106	447839	56.551	ug/l	99
70) Styrene	12.233	104	748198	59.020	ug/l	98
71) Bromoform	12.398	173	217472	58.187	ug/l #	99
73) Isopropylbenzene	12.522	105	1152402	51.412	ug/l	100
74) N-amyl acetate	12.333	43	467290	55.176	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	404297	46.741	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	309049m	55.445	ug/l	
77) Bromobenzene	12.798	156	293672	50.310	ug/l	97
78) n-propylbenzene	12.863	91	1313113	52.064	ug/l	100
79) 2-Chlorotoluene	12.951	91	790559	50.222	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	977571	52.996	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	117397	49.685	ug/l	99
82) 4-Chlorotoluene	13.045	91	757004	50.740	ug/l	97
83) tert-Butylbenzene	13.263	119	890290	54.489	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	972934	53.640	ug/l	100
85) sec-Butylbenzene	13.439	105	1200059	53.142	ug/l	99
86) p-Isopropyltoluene	13.557	119	1009913	56.730	ug/l	100
87) 1,3-Dichlorobenzene	13.557	146	531035	49.839	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	517383	48.532	ug/l	97
89) n-Butylbenzene	13.880	91	785615	54.238	ug/l	99
90) Hexachloroethane	14.151	117	182363	51.631	ug/l	96
91) 1,2-Dichlorobenzene	13.927	146	538939	49.916	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	92668	53.322	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	295738	55.157	ug/l	99
94) Hexachlorobutadiene	15.304	225	156363	53.643	ug/l	98
95) Naphthalene	15.439	128	1028098	59.089	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	317106	56.193	ug/l	99

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

