

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071819.D
 Acq On : 02 Apr 2022 23:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 04 01:12:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/04/2022
 Supervised By : Mahesh Dadoda 04/05/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	579160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	933698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	837241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	330275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	337692	51.074	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.140%			
35) Dibromofluoromethane	8.022	113	278358	50.663	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.320%			
50) Toluene-d8	10.439	98	1126671	50.128	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.260%			
62) 4-Bromofluorobenzene	12.727	95	359687	49.482	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	203800	44.262	ug/l	99
3) Chloromethane	2.299	50	253019	43.366	ug/l	98
4) Vinyl Chloride	2.446	62	275326	42.971	ug/l	99
5) Bromomethane	2.834	94	144289	34.642	ug/l	93
6) Chloroethane	3.004	64	184058	39.931	ug/l	96
7) Trichlorofluoromethane	3.369	101	368701	45.229	ug/l	100
8) Diethyl Ether	3.828	74	167765	48.697	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	224016	44.593	ug/l	99
10) Methyl Iodide	4.422	142	243391	34.660	ug/l	100
11) Tert butyl alcohol	5.363	59	279402	260.397	ug/l	99
12) 1,1-Dichloroethene	4.187	96	221021	46.235	ug/l	98
13) Acrolein	4.040	56	381974	291.964	ug/l	99
14) Allyl chloride	4.845	41	370671	47.773	ug/l	95
15) Acrylonitrile	5.551	53	812802	260.613	ug/l	100
16) Acetone	4.281	43	630696	223.205	ug/l	96
17) Carbon Disulfide	4.534	76	456641	41.633	ug/l	100
18) Methyl Acetate	4.857	43	348151	49.748	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	900103	50.683	ug/l	99
20) Methylene Chloride	5.093	84	276890	46.491	ug/l	96
21) trans-1,2-Dichloroethene	5.598	96	237175	45.195	ug/l	95
22) Diisopropyl ether	6.492	45	860535	50.945	ug/l	98
23) Vinyl Acetate	6.428	43	3595224	267.655	ug/l	100
24) 1,1-Dichloroethane	6.387	63	484669	48.877	ug/l	99
25) 2-Butanone	7.328	43	1041375	255.646	ug/l	100
26) 2,2-Dichloropropane	7.322	77	325176	38.173	ug/l	98
27) cis-1,2-Dichloroethene	7.328	96	309750	48.133	ug/l	97
28) Bromochloromethane	7.657	49	203895	50.973	ug/l	100
29) Tetrahydrofuran	7.681	42	687615	260.693	ug/l	99
30) Chloroform	7.816	83	498724	47.631	ug/l	100
31) Cyclohexane	8.092	56	395259	43.959	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	425621	47.516	ug/l	97
36) 1,1-Dichloropropene	8.222	75	349690	45.577	ug/l	99
37) Ethyl Acetate	7.410	43	415634	49.493	ug/l	99
38) Carbon Tetrachloride	8.204	117	345103	45.894	ug/l	96
39) Methylcyclohexane	9.457	83	415194	45.460	ug/l	99
40) Benzene	8.457	78	1142783	47.150	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	217195	52.821	ug/l	91
42) 1,2-Dichloroethane	8.528	62	387188	46.181	ug/l	98
43) Isopropyl Acetate	8.557	43	647034	46.322	ug/l	99
44) Trichloroethene	9.210	130	289035	46.288	ug/l	98
45) 1,2-Dichloropropane	9.486	63	295229	48.759	ug/l	98
46) Dibromomethane	9.575	93	192346	46.787	ug/l	99
47) Bromodichloromethane	9.757	83	392786	48.537	ug/l	100
48) Methyl methacrylate	9.557	41	289018	49.872	ug/l	95
49) 1,4-Dioxane	9.563	88	130542	948.803	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	2123047	264.358	ug/l	99
52) Toluene	10.504	92	749448	48.916	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	414939	48.923	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	456153	48.676	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	303462	48.126	ug/l	98
56) Ethyl methacrylate	10.757	69	478943	53.244	ug/l	96
57) 1,3-Dichloropropane	11.039	76	511372	48.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	526260	194.103	ug/l	98
59) 2-Hexanone	11.080	43	1494185	264.261	ug/l	98
60) Dibromochloromethane	11.233	129	311924	50.734	ug/l	100
61) 1,2-Dibromoethane	11.339	107	306859	49.439	ug/l	99
64) Tetrachloroethene	10.975	164	252508	45.673	ug/l	98
65) Chlorobenzene	11.769	112	787325	46.963	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	293691	48.549	ug/l	99
67) Ethyl Benzene	11.839	91	1406806	49.570	ug/l	99
68) m/p-Xylenes	11.951	106	1091509	100.099	ug/l	100
69) o-Xylene	12.274	106	536522	49.571	ug/l	100
70) Styrene	12.292	104	842883	51.399	ug/l	100
71) Bromoform	12.451	173	230189	49.967	ug/l #	100
73) Isopropylbenzene	12.574	105	1368728	49.179	ug/l	100
74) N-amyl acetate	12.386	43	430531	53.990	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	445628	47.989	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	332945m	43.516	ug/l	
77) Bromobenzene	12.857	156	321990	46.151	ug/l	99
78) n-propylbenzene	12.916	91	1448818	49.488	ug/l	100
79) 2-Chlorotoluene	13.004	91	902811	48.085	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1108258	50.259	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	111618	45.209	ug/l	99
82) 4-Chlorotoluene	13.098	91	843106	48.446	ug/l	100
83) tert-Butylbenzene	13.321	119	989931	49.111	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1111554	51.664	ug/l	99
85) sec-Butylbenzene	13.498	105	1302794	49.858	ug/l	100
86) p-Isopropyltoluene	13.610	119	1061790	50.963	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	523607	47.108	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	505163	46.585	ug/l	99
89) n-Butylbenzene	13.939	91	771899	49.952	ug/l	100
90) Hexachloroethane	14.210	117	179467	47.056	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	518428	47.510	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	74369	51.631	ug/l	98
93) 1,2,4-Trichlorobenzene	15.262	180	240789	45.984	ug/l	99
94) Hexachlorobutadiene	15.362	225	137085	42.595	ug/l	99
95) Naphthalene	15.504	128	811439	53.652	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	241362	47.527	ug/l	100

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

