

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072446.D
 Acq On : 12 May 2022 12:19
 Operator : JC\MD
 Sample : N2791-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BEM-MW-04MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 13 02:41:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	199828	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	314670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	290769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	141511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	156061	50.989	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.980%			
35) Dibromofluoromethane	8.016	113	109122	52.125	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.240%			
50) Toluene-d8	10.439	98	404558	50.740	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.480%			
62) 4-Bromofluorobenzene	12.727	95	150565	56.862	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.720%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	120653	48.413	ug/l	98
3) Chloromethane	2.299	50	104905	44.839	ug/l	98
4) Vinyl Chloride	2.446	62	92413	43.549	ug/l	98
5) Bromomethane	2.828	94	48871	38.682	ug/l	98
6) Chloroethane	3.010	64	51772	46.467	ug/l	91
7) Trichlorofluoromethane	3.369	101	202342	51.447	ug/l	98
8) Diethyl Ether	3.822	74	63632	44.847	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.210	101	102819	47.910	ug/l	97
10) Methyl Iodide	4.422	142	42749	15.027	ug/l	# 87
11) Tert butyl alcohol	5.369	59	126740	253.245	ug/l	98
12) 1,1-Dichloroethene	4.181	96	91256	45.382	ug/l	93
13) Acrolein	4.040	56	100019	204.266	ug/l	95
14) Allyl chloride	4.840	41	173148	46.247	ug/l	94
15) Acrylonitrile	5.551	53	306501	225.378	ug/l	98
16) Acetone	4.281	43	537522	443.449	ug/l	90
17) Carbon Disulfide	4.528	76	223644	42.884	ug/l	97
18) Methyl Acetate	4.851	43	161843	45.349	ug/l	93
19) Methyl tert-butyl Ether	5.610	73	370517	50.987	ug/l	97
20) Methylene Chloride	5.093	84	106922	43.021	ug/l	# 86
21) trans-1,2-Dichloroethene	5.598	96	97550	46.368	ug/l	98
22) Diisopropyl ether	6.493	45	340497	44.756	ug/l	95
23) Vinyl Acetate	6.428	43	1494464	234.767	ug/l	96
24) 1,1-Dichloroethane	6.387	63	198541	46.246	ug/l	99
25) 2-Butanone	7.334	43	482196	252.056	ug/l	93
26) 2,2-Dichloropropane	7.322	77	193850	53.732	ug/l	95
27) cis-1,2-Dichloroethene	7.322	96	118001	46.655	ug/l	93
28) Bromochloromethane	7.651	49	82053	45.013	ug/l	94
29) Tetrahydrofuran	7.681	42	281170	226.146	ug/l	93
30) Chloroform	7.816	83	215771	49.402	ug/l	99
31) Cyclohexane	8.092	56	170757	42.104	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	204364	51.014	ug/l	97
36) 1,1-Dichloropropene	8.222	75	151753	50.469	ug/l	98
37) Ethyl Acetate	7.404	43	171358	47.499	ug/l	96
38) Carbon Tetrachloride	8.204	117	188739	56.085	ug/l	97
39) Methylcyclohexane	9.457	83	182715	54.069	ug/l	97
40) Benzene	8.457	78	437084	48.660	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	93849	52.538	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	189658	52.532	ug/l	95
43) Isopropyl Acetate	8.557	43	280320	50.588	ug/l	95
44) Trichloroethene	9.216	130	112250	49.227	ug/l	98
45) 1,2-Dichloropropane	9.486	63	108652	47.365	ug/l	97
46) Dibromomethane	9.575	93	79701	49.899	ug/l	95
47) Bromodichloromethane	9.757	83	173976	53.428	ug/l	98
48) Methyl methacrylate	9.557	41	139767	54.062	ug/l	87
49) 1,4-Dioxane	9.563	88	45677	1035.725	ug/l #	94
51) 4-Methyl-2-Pentanone	10.328	43	906786	263.537	ug/l	94
52) Toluene	10.504	92	283763	51.233	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	185201	55.875	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	181845	51.422	ug/l #	88
55) 1,1,2-Trichloroethane	10.892	97	114217	49.501	ug/l	98
56) Ethyl methacrylate	10.757	69	182940	55.320	ug/l	89
57) 1,3-Dichloropropane	11.039	76	197000	50.139	ug/l	99
59) 2-Hexanone	11.080	43	674031	279.373	ug/l	90
60) Dibromochloromethane	11.233	129	137457	56.081	ug/l	99
61) 1,2-Dibromoethane	11.339	107	119529	51.981	ug/l	98
64) Tetrachloroethene	10.975	164	97246	46.464	ug/l	92
65) Chlorobenzene	11.769	112	299311	50.383	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	125163	52.639	ug/l	96
67) Ethyl Benzene	11.839	91	564965	55.119	ug/l	98
68) m/p-Xylenes	11.951	106	432314	111.207	ug/l	92
69) o-Xylene	12.275	106	217124	56.846	ug/l	94
70) Styrene	12.292	104	312651	53.506	ug/l	95
71) Bromoform	12.451	173	101146	57.666	ug/l #	98
73) Isopropylbenzene	12.575	105	567018	48.368	ug/l	98
74) N-amyl acetate	12.380	43	223897	54.033	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.822	83	171092	40.200	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	159997m	43.349	ug/l	
77) Bromobenzene	12.857	156	131817	46.998	ug/l	98
78) n-propylbenzene	12.916	91	634893	50.611	ug/l	99
79) 2-Chlorotoluene	13.004	91	393376	47.734	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	491799	51.222	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.622	75	54502	49.262	ug/l	89
82) 4-Chlorotoluene	13.098	91	383750	49.136	ug/l	96
83) tert-Butylbenzene	13.316	119	428616	50.993	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	485115	51.940	ug/l	96
85) sec-Butylbenzene	13.498	105	584203	52.116	ug/l	98
86) p-Isopropyltoluene	13.610	119	478613	54.812	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	238337	49.273	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	229839	47.763	ug/l	98
89) n-Butylbenzene	13.939	91	385704	57.787	ug/l	99
90) Hexachloroethane	14.204	117	94991	54.439	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	232542	48.136	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	41465	56.028	ug/l	84
93) 1,2,4-Trichlorobenzene	15.257	180	116018	63.397	ug/l	98
94) Hexachlorobutadiene	15.363	225	66555	54.928	ug/l	99
95) Naphthalene	15.498	128	404153	59.136	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	116077	63.294	ug/l	98

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

