

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022222\
 Data File : VN071022.D
 Acq On : 22 Feb 2022 12:33
 Operator : JC\MD
 Sample : VN0222WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2022
 Supervised By : Mahesh Dadoda 02/23/2022

Quant Time: Feb 23 00:58:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	612477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	971839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	874215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	342579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	365244	52.204	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.400%			
35) Dibromofluoromethane	8.016	113	288355	49.884	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.760%			
50) Toluene-d8	10.439	98	1130411	48.695	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.400%			
62) 4-Bromofluorobenzene	12.727	95	370406	44.640	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	111345	17.503	ug/l	99
3) Chloromethane	2.299	50	145784	18.232	ug/l	95
4) Vinyl Chloride	2.446	62	135826	16.969	ug/l	100
5) Bromomethane	2.846	94	81909	18.014	ug/l	98
6) Chloroethane	3.016	64	86649	16.501	ug/l	93
7) Trichlorofluoromethane	3.375	101	183391	18.283	ug/l	99
8) Diethyl Ether	3.828	74	75047	17.210	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.216	101	106471	17.300	ug/l	96
10) Methyl Iodide	4.422	142	141859	16.643	ug/l	98
11) Tert butyl alcohol	5.357	59	125212	98.201	ug/l	98
12) 1,1-Dichloroethene	4.181	96	102607	17.112	ug/l	95
13) Acrolein	4.040	56	114038	100.089	ug/l	99
14) Allyl chloride	4.846	41	204771	17.906	ug/l #	87
15) Acrylonitrile	5.551	53	384792	102.455	ug/l	99
16) Acetone	4.281	43	323839	84.047	ug/l	97
17) Carbon Disulfide	4.534	76	259277	15.079	ug/l	100
18) Methyl Acetate	4.851	43	174601	20.338	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	393891	18.727	ug/l	97
20) Methylene Chloride	5.098	84	126039	17.999	ug/l	97
21) trans-1,2-Dichloroethene	5.593	96	112723	17.515	ug/l	96
22) Diisopropyl ether	6.492	45	439694	20.047	ug/l	94
23) Vinyl Acetate	6.428	43	1807145	97.334	ug/l	98
24) 1,1-Dichloroethane	6.387	63	230759	18.768	ug/l	98
25) 2-Butanone	7.328	43	514247	100.327	ug/l	97
26) 2,2-Dichloropropane	7.322	77	181832	17.794	ug/l	97
27) cis-1,2-Dichloroethene	7.328	96	135103	18.265	ug/l	94
28) Bromochloromethane	7.651	49	85572	17.196	ug/l	84
29) Tetrahydrofuran	7.681	42	353662	106.508	ug/l	93
30) Chloroform	7.816	83	223065	18.446	ug/l	100
31) Cyclohexane	8.092	56	223911	18.505	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	189225	18.120	ug/l	99
36) 1,1-Dichloropropene	8.216	75	167392	17.675	ug/l	98
37) Ethyl Acetate	7.410	43	218237	21.487	ug/l	99
38) Carbon Tetrachloride	8.204	117	165914	17.781	ug/l	96
39) Methylcyclohexane	9.457	83	200639	16.465	ug/l	92
40) Benzene	8.457	78	516298	18.430	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.639	41	107747	20.142	ug/l	89
42) 1,2-Dichloroethane	8.528	62	178146	18.672	ug/l	99
43) Isopropyl Acetate	8.557	43	313260	19.567	ug/l	98
44) Trichloroethene	9.216	130	125210	16.974	ug/l	100
45) 1,2-Dichloropropane	9.486	63	133076	18.545	ug/l	98
46) Dibromomethane	9.575	93	86245	18.263	ug/l	98
47) Bromodichloromethane	9.757	83	169744	17.785	ug/l	98
48) Methyl methacrylate	9.557	41	147300	19.439	ug/l #	86
49) 1,4-Dioxane	9.563	88	55993	416.030	ug/l	95
51) 4-Methyl-2-Pentanone	10.328	43	1005707	103.251	ug/l	99
52) Toluene	10.504	92	319018	18.123	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	182066	17.544	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	201879	17.713	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	129056	18.730	ug/l	97
56) Ethyl methacrylate	10.757	69	191959	18.490	ug/l	93
57) 1,3-Dichloropropane	11.039	76	225715	18.938	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	156704	91.028	ug/l	95
59) 2-Hexanone	11.080	43	683843	102.082	ug/l	98
60) Dibromochloromethane	11.233	129	125147	17.186	ug/l	98
61) 1,2-Dibromoethane	11.339	107	124216	17.724	ug/l	99
64) Tetrachloroethene	10.975	164	113449	16.663	ug/l	98
65) Chlorobenzene	11.763	112	330639	17.552	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	121360	17.673	ug/l	98
67) Ethyl Benzene	11.839	91	583772	17.706	ug/l	100
68) m/p-Xylenes	11.951	106	446154	35.032	ug/l	100
69) o-Xylene	12.274	106	221924	17.838	ug/l	100
70) Styrene	12.292	104	339956	17.185	ug/l	99
71) Bromoform	12.451	173	93284	17.057	ug/l #	99
73) Isopropylbenzene	12.574	105	561802	20.374	ug/l	100
74) N-amyl acetate	12.386	43	179127	20.322	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	188674	21.532	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	169205m	20.977	ug/l	
77) Bromobenzene	12.857	156	134286	19.893	ug/l	86
78) n-propylbenzene	12.916	91	603007	19.463	ug/l	98
79) 2-Chlorotoluene	13.004	91	382954	20.354	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	451952	20.231	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	49064	19.711	ug/l	95
82) 4-Chlorotoluene	13.104	91	353786	19.371	ug/l	95
83) tert-Butylbenzene	13.316	119	408783	19.295	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	433076	19.694	ug/l	98
85) sec-Butylbenzene	13.498	105	532924	19.090	ug/l	98
86) p-Isopropyltoluene	13.610	119	423295	18.470	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	213625	17.877	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	206899	17.672	ug/l	98
89) n-Butylbenzene	13.939	91	290981	15.563	ug/l	97
90) Hexachloroethane	14.204	117	80732	19.726	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	209710	18.689	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	29508	20.785	ug/l	89
93) 1,2,4-Trichlorobenzene	15.263	180	83173	14.659	ug/l	97
94) Hexachlorobutadiene	15.368	225	60555	14.799	ug/l	98
95) Naphthalene	15.504	128	164343	14.649	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	76844	15.067	ug/l	99

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

