

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072070.D
 Acq On : 20 Apr 2022 11:38
 Operator : JC\MD
 Sample : VN0420WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 20 15:34:16 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

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	543047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	820097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	745855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	308787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	270578	43.645	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.300%		
35) Dibromofluoromethane	8.022	113	238623	49.447	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.900%		
50) Toluene-d8	10.439	98	938096	47.520	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.040%		
62) 4-Bromofluorobenzene	12.727	95	305619	47.868	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	108959	25.238	ug/l	98
3) Chloromethane	2.299	50	114254	20.885	ug/l	98
4) Vinyl Chloride	2.440	62	116669	19.420	ug/l	99
5) Bromomethane	2.852	94	79530	20.364	ug/l	95
6) Chloroethane	3.016	64	73210	16.939	ug/l	96
7) Trichlorofluoromethane	3.375	101	164897	21.573	ug/l	100
8) Diethyl Ether	3.828	74	70039	21.682	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.210	101	104040	22.088	ug/l	97
10) Methyl Iodide	4.428	142	135362	20.558	ug/l	100
11) Tert butyl alcohol	5.363	59	86107	85.587	ug/l	99
12) 1,1-Dichloroethene	4.181	96	96290	21.482	ug/l	97
13) Acrolein	4.040	56	61604	50.219	ug/l	97
14) Allyl chloride	4.840	41	142331	19.564	ug/l	94
15) Acrylonitrile	5.551	53	296573	101.415	ug/l	98
16) Acetone	4.281	43	220907	83.378	ug/l	94
17) Carbon Disulfide	4.534	76	231310	22.491	ug/l	99
18) Methyl Acetate	4.857	43	137115	19.990	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	341340	20.498	ug/l	99
20) Methylene Chloride	5.087	84	118747	21.264	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	106033	21.549	ug/l	94
22) Diisopropyl ether	6.487	45	322744	20.378	ug/l	96
23) Vinyl Acetate	6.428	43	1319447	104.762	ug/l	99
24) 1,1-Dichloroethane	6.381	63	194585	20.928	ug/l	98
25) 2-Butanone	7.328	43	362481	94.903	ug/l	95
26) 2,2-Dichloropropane	7.322	77	163244	20.438	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	127380	21.110	ug/l	97
28) Bromochloromethane	7.651	49	63762	17.000	ug/l	95
29) Tetrahydrofuran	7.681	42	243007	98.257	ug/l	97
30) Chloroform	7.816	83	202115	20.587	ug/l	100
31) Cyclohexane	8.092	56	178396	21.160	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	175031	20.840	ug/l	98
36) 1,1-Dichloropropene	8.216	75	145078	21.528	ug/l	98
37) Ethyl Acetate	7.404	43	148577	20.143	ug/l	95
38) Carbon Tetrachloride	8.204	117	145208	21.986	ug/l	100
39) Methylcyclohexane	9.457	83	183953	22.931	ug/l	97
40) Benzene	8.457	78	468374	22.001	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	78575	21.756	ug/l	92
42) 1,2-Dichloroethane	8.522	62	152280	20.679	ug/l	97
43) Isopropyl Acetate	8.557	43	243626	19.857	ug/l	99
44) Trichloroethene	9.210	130	122042	22.252	ug/l	99
45) 1,2-Dichloropropane	9.480	63	115092	21.641	ug/l	98
46) Dibromomethane	9.569	93	77857	21.562	ug/l	96
47) Bromodichloromethane	9.757	83	156586	22.030	ug/l	98
48) Methyl methacrylate	9.551	41	107069	21.035	ug/l	92
49) 1,4-Dioxane	9.563	88	39441	317.185	ug/l	97
51) 4-Methyl-2-Pentanone	10.327	43	731160	103.654	ug/l	97
52) Toluene	10.498	92	303717	22.570	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	163302	21.921	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	185030	22.479	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	118710	21.434	ug/l	97
56) Ethyl methacrylate	10.757	69	173054	21.903	ug/l	91
57) 1,3-Dichloropropane	11.039	76	203737	22.002	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.033	63	243716	110.363	ug/l	99
59) 2-Hexanone	11.080	43	504325	101.550	ug/l	95
60) Dibromochloromethane	11.233	129	123172	22.809	ug/l	99
61) 1,2-Dibromoethane	11.339	107	121343	22.258	ug/l	100
64) Tetrachloroethene	10.975	164	110944	22.526	ug/l	95
65) Chlorobenzene	11.763	112	322639	21.603	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	117194	21.746	ug/l	99
67) Ethyl Benzene	11.839	91	553645	21.898	ug/l	100
68) m/p-Xylenes	11.945	106	433650	44.641	ug/l	100
69) o-Xylene	12.274	106	214076	22.203	ug/l	98
70) Styrene	12.286	104	334651	22.907	ug/l	99
71) Bromoform	12.451	173	90098	21.954	ug/l #	100
73) Isopropylbenzene	12.574	105	540342	20.766	ug/l	99
74) N-amyl acetate	12.380	43	147392	19.770	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	176371	20.315	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	147413m	20.608	ug/l	
77) Bromobenzene	12.857	156	132266	20.277	ug/l	97
78) n-propylbenzene	12.916	91	580620	21.213	ug/l	100
79) 2-Chlorotoluene	13.004	91	368595	20.998	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	451992	21.924	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	44191	19.145	ug/l	98
82) 4-Chlorotoluene	13.098	91	341261	20.974	ug/l	99
83) tert-Butylbenzene	13.316	119	393304	20.870	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	439518	21.850	ug/l	100
85) sec-Butylbenzene	13.498	105	523880	21.444	ug/l	100
86) p-Isopropyltoluene	13.610	119	426104	21.875	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	218899	21.064	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	211408	20.852	ug/l	98
89) n-Butylbenzene	13.939	91	297749	20.609	ug/l	100
90) Hexachloroethane	14.204	117	72820	20.422	ug/l	93
91) 1,2-Dichlorobenzene	13.980	146	211347	20.716	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	24839	18.445	ug/l	93
93) 1,2,4-Trichlorobenzene	15.257	180	91495	19.927	ug/l	99
94) Hexachlorobutadiene	15.362	225	60806	20.209	ug/l	97
95) Naphthalene	15.498	128	216514	18.030	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	87349	19.877	ug/l	99

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

