

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031422\
 Data File : VN071270.D
 Acq On : 14 Mar 2022 16:50
 Operator : JC\MD
 Sample : VN0314WBS05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS05

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 15 02:53:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	738430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1202823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1054741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	417832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	422350	41.732	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.460%		
35) Dibromofluoromethane	8.016	113	324861	42.800	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	85.600%		
50) Toluene-d8	10.439	98	1289942	42.209	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	84.420%		
62) 4-Bromofluorobenzene	12.727	95	420512	40.635	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	81.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	120878	14.936	ug/l	98
3) Chloromethane	2.299	50	174345	16.023	ug/l	98
4) Vinyl Chloride	2.440	62	158549	15.986	ug/l	97
5) Bromomethane	2.846	94	92274	16.877	ug/l	95
6) Chloroethane	3.010	64	97262	16.193	ug/l	93
7) Trichlorofluoromethane	3.375	101	211539	16.205	ug/l	100
8) Diethyl Ether	3.822	74	91044	16.298	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	123028	16.280	ug/l	95
10) Methyl Iodide	4.422	142	153583	14.389	ug/l	98
11) Tert butyl alcohol	5.363	59	168150	84.577	ug/l	99
12) 1,1-Dichloroethene	4.187	96	117956	15.934	ug/l	93
13) Acrolein	4.040	56	88391	42.004	ug/l	99
14) Allyl chloride	4.840	41	253795	15.762	ug/l	87
15) Acrylonitrile	5.545	53	477995	80.970	ug/l	99
16) Acetone	4.281	43	445795	90.530	ug/l	98
17) Carbon Disulfide	4.528	76	293170	13.910	ug/l	100
18) Methyl Acetate	4.851	43	249607	19.167	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	471195	16.953	ug/l	94
20) Methylene Chloride	5.092	84	146691	16.556	ug/l	91
21) trans-1,2-Dichloroethene	5.592	96	125100	15.449	ug/l	87
22) Diisopropyl ether	6.492	45	528244	16.653	ug/l	90
23) Vinyl Acetate	6.428	43	2252878	83.892	ug/l	99
24) 1,1-Dichloroethane	6.381	63	275823	16.455	ug/l	99
25) 2-Butanone	7.328	43	687465	86.665	ug/l	97
26) 2,2-Dichloropropane	7.322	77	225325	17.425	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	155608	16.191	ug/l	90
28) Bromochloromethane	7.657	49	114744	15.372	ug/l	83
29) Tetrahydrofuran	7.681	42	458750	83.479	ug/l	92
30) Chloroform	7.816	83	262677	16.431	ug/l	99
31) Cyclohexane	8.092	56	257932	15.960	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	225491	16.558	ug/l	98
36) 1,1-Dichloropropene	8.216	75	190459	15.661	ug/l	97
37) Ethyl Acetate	7.404	43	275997	16.490	ug/l	98
38) Carbon Tetrachloride	8.204	117	196209	16.680	ug/l	99
39) Methylcyclohexane	9.457	83	234037	16.359	ug/l	93
40) Benzene	8.457	78	594790	16.233	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	140884	17.200	ug/l #	84
42) 1,2-Dichloroethane	8.528	62	215434	16.896	ug/l	99
43) Isopropyl Acetate	8.557	43	458153	18.305	ug/l	93
44) Trichloroethene	9.216	130	141752	16.396	ug/l	95
45) 1,2-Dichloropropane	9.486	63	161827	16.453	ug/l	100
46) Dibromomethane	9.575	93	99807	16.486	ug/l	96
47) Bromodichloromethane	9.757	83	201834	16.497	ug/l	98
48) Methyl methacrylate	9.551	41	181289	15.630	ug/l	88
49) 1,4-Dioxane	9.563	88	70471	349.542	ug/l #	86
51) 4-Methyl-2-Pentanone	10.327	43	1318576	84.890	ug/l	99
52) Toluene	10.498	92	373348	16.547	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	220659	16.362	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	247421	16.790	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	149779	16.566	ug/l	97
56) Ethyl methacrylate	10.757	69	243139	16.468	ug/l	90
57) 1,3-Dichloropropane	11.039	76	261168	16.093	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	295926	112.631	ug/l	95
59) 2-Hexanone	11.080	43	960773	90.655	ug/l	100
60) Dibromochloromethane	11.233	129	152681	16.996	ug/l	99
61) 1,2-Dibromoethane	11.339	107	149247	16.152	ug/l	99
64) Tetrachloroethene	10.974	164	122706	16.681	ug/l	98
65) Chlorobenzene	11.763	112	382010	16.865	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	142792	17.192	ug/l	99
67) Ethyl Benzene	11.839	91	690328	17.237	ug/l	96
68) m/p-Xylenes	11.951	106	514898	35.143	ug/l	97
69) o-Xylene	12.274	106	258955	17.632	ug/l	98
70) Styrene	12.292	104	400967	17.637	ug/l	98
71) Bromoform	12.451	173	111079	17.611	ug/l #	99
73) Isopropylbenzene	12.574	105	663917	16.483	ug/l	100
74) N-amyl acetate	12.386	43	261567	17.271	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	235548	18.042	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	211999m	19.196	ug/l	
77) Bromobenzene	12.857	156	152965	16.286	ug/l	81
78) n-propylbenzene	12.915	91	712397	16.482	ug/l	97
79) 2-Chlorotoluene	13.004	91	450114	16.223	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	540338	17.243	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	68458	17.711	ug/l	95
82) 4-Chlorotoluene	13.098	91	422345	17.090	ug/l	93
83) tert-Butylbenzene	13.321	119	474807	16.978	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	526018	17.525	ug/l	99
85) sec-Butylbenzene	13.498	105	634689	17.075	ug/l	99
86) p-Isopropyltoluene	13.610	119	508475	17.394	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	252207	16.526	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	245113	16.431	ug/l	96
89) n-Butylbenzene	13.939	91	373889	16.353	ug/l	97
90) Hexachloroethane	14.204	117	96480	16.596	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	252878	17.236	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	42660	18.203	ug/l	84
93) 1,2,4-Trichlorobenzene	15.256	180	105387	17.459	ug/l	96
94) Hexachlorobutadiene	15.362	225	69122	16.782	ug/l	98
95) Naphthalene	15.504	128	282612	18.327	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	101231	17.321	ug/l	98

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

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