

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031422\
 Data File : VN071280.D
 Acq On : 14 Mar 2022 20:51
 Operator : JC\MD
 Sample : VN0314WBS07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS07

Manual Integrations
 APPROVED

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

Quant Time: Mar 15 07:31:26 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	8.081	168	578649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	964952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	850833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	342678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	465965	58.755	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.520%			
35) Dibromofluoromethane	8.016	113	350223	57.516	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 115.040%			
50) Toluene-d8	10.439	98	1392188	56.785	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 113.560%			
62) 4-Bromofluorobenzene	12.727	95	457324	55.086	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	121294	19.126	ug/l	98
3) Chloromethane	2.299	50	173900	20.405	ug/l	100
4) Vinyl Chloride	2.440	62	156003	20.072	ug/l	97
5) Bromomethane	2.846	94	89261	22.425	ug/l	99
6) Chloroethane	3.010	64	98291	20.883	ug/l	96
7) Trichlorofluoromethane	3.369	101	211002	20.627	ug/l	97
8) Diethyl Ether	3.828	74	89222	20.382	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.210	101	121669	20.546	ug/l	93
10) Methyl Iodide	4.416	142	151151	18.071	ug/l	99
11) Tert butyl alcohol	5.363	59	167338	107.410	ug/l	98
12) 1,1-Dichloroethene	4.181	96	117216	20.206	ug/l	95
13) Acrolein	4.040	56	83290	50.510	ug/l	99
14) Allyl chloride	4.840	41	256243	20.309	ug/l #	85
15) Acrylonitrile	5.551	53	480114	103.786	ug/l	99
16) Acetone	4.281	43	414972	107.540	ug/l	95
17) Carbon Disulfide	4.534	76	295320	17.881	ug/l	96
18) Methyl Acetate	4.851	43	257832	25.115	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	460995	21.165	ug/l	95
20) Methylene Chloride	5.093	84	147595	21.150	ug/l	89
21) trans-1,2-Dichloroethene	5.598	96	126079	19.869	ug/l	94
22) Diisopropyl ether	6.487	45	534379	21.498	ug/l	97
23) Vinyl Acetate	6.428	43	2278930	108.295	ug/l	98
24) 1,1-Dichloroethane	6.387	63	277792	21.149	ug/l	99
25) 2-Butanone	7.328	43	671877	108.088	ug/l	94
26) 2,2-Dichloropropane	7.322	77	206627	20.391	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	156522	20.784	ug/l	90
28) Bromochloromethane	7.657	49	98952	16.917	ug/l	84
29) Tetrahydrofuran	7.681	42	467228	108.498	ug/l	91
30) Chloroform	7.816	83	267267	21.334	ug/l	100
31) Cyclohexane	8.092	56	253605	20.025	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	228186	21.383	ug/l	96
36) 1,1-Dichloropropene	8.222	75	191603	19.639	ug/l	97
37) Ethyl Acetate	7.404	43	275357	20.508	ug/l	98
38) Carbon Tetrachloride	8.204	117	191889	20.334	ug/l	97
39) Methylcyclohexane	9.457	83	222735	19.407	ug/l	91
40) Benzene	8.457	78	606192	20.622	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	139624	21.249	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	213367	20.859	ug/l	98
43) Isopropyl Acetate	8.557	43	617085	30.733	ug/l #	83
44) Trichloroethene	9.210	130	142716	20.577	ug/l	93
45) 1,2-Dichloropropane	9.486	63	161487	20.465	ug/l	99
46) Dibromomethane	9.575	93	100640	20.722	ug/l	97
47) Bromodichloromethane	9.757	83	206537	21.043	ug/l	98
48) Methyl methacrylate	9.557	41	194155	20.866	ug/l #	83
49) 1,4-Dioxane	9.563	88	73445	454.096	ug/l #	88
51) 4-Methyl-2-Pentanone	10.328	43	1326200	106.428	ug/l	99
52) Toluene	10.498	92	369672	20.423	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	216707	20.030	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	243621	20.608	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	148987	20.541	ug/l	99
56) Ethyl methacrylate	10.757	69	246295	20.793	ug/l	92
57) 1,3-Dichloropropane	11.039	76	268607	20.632	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	319239	141.850	ug/l	95
59) 2-Hexanone	11.080	43	972809	114.418	ug/l	100
60) Dibromochloromethane	11.233	129	152253	21.127	ug/l	100
61) 1,2-Dibromoethane	11.339	107	148467	20.028	ug/l	99
64) Tetrachloroethene	10.975	164	120778	20.353	ug/l	98
65) Chlorobenzene	11.763	112	379696	20.780	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	143040	21.349	ug/l	98
67) Ethyl Benzene	11.839	91	682425	21.123	ug/l	97
68) m/p-Xylenes	11.951	106	511316	43.262	ug/l	96
69) o-Xylene	12.275	106	254263	21.462	ug/l	96
70) Styrene	12.292	104	403518	22.003	ug/l	97
71) Bromoform	12.451	173	111740	21.961	ug/l #	99
73) Isopropylbenzene	12.575	105	653124	19.772	ug/l	99
74) N-amyl acetate	12.380	43	269883	21.729	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	237545	22.805	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	211015m	23.936	ug/l	
77) Bromobenzene	12.857	156	153109	19.877	ug/l	79
78) n-propylbenzene	12.916	91	710283	20.038	ug/l	98
79) 2-Chlorotoluene	13.004	91	452864	19.902	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	532818	20.732	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	68334	21.556	ug/l	93
82) 4-Chlorotoluene	13.098	91	417236	20.586	ug/l	95
83) tert-Butylbenzene	13.322	119	478579	20.866	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	518377	21.058	ug/l	99
85) sec-Butylbenzene	13.498	105	629674	20.655	ug/l	98
86) p-Isopropyltoluene	13.610	119	500882	20.892	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	252421	20.168	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	242198	19.796	ug/l	97
89) n-Butylbenzene	13.939	91	361796	19.294	ug/l	97
90) Hexachloroethane	14.204	117	94979	19.921	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	252594	20.992	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	41363	21.521	ug/l	89
93) 1,2,4-Trichlorobenzene	15.263	180	101713	20.018	ug/l	99
94) Hexachlorobutadiene	15.363	225	67520	19.988	ug/l	99
95) Naphthalene	15.498	128	283615	21.292	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	101071	20.492	ug/l	99

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

