

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031422\
 Data File : VN071260.D
 Acq On : 14 Mar 2022 12:36
 Operator : JC\MD
 Sample : VN0314WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01

Manual Integrations
 APPROVED

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

Quant Time: Mar 15 02:50:10 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	646601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1039900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	926809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	377375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	401785	45.338	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.680%		
35) Dibromofluoromethane	8.016	113	299282	45.607	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.220%		
50) Toluene-d8	10.439	98	1161736	43.970	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	87.940%		
62) 4-Bromofluorobenzene	12.727	95	389631	43.550	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	109567	15.461	ug/l	99
3) Chloromethane	2.299	50	154340	16.199	ug/l	98
4) Vinyl Chloride	2.446	62	142273	16.382	ug/l	95
5) Bromomethane	2.857	94	85516	18.258	ug/l	97
6) Chloroethane	3.016	64	92192	17.529	ug/l	97
7) Trichlorofluoromethane	3.375	101	187593	16.411	ug/l	100
8) Diethyl Ether	3.822	74	86530	17.690	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.216	101	113162	17.101	ug/l	95
10) Methyl Iodide	4.422	142	142614	15.259	ug/l	99
11) Tert butyl alcohol	5.351	59	131509	75.541	ug/l	98
12) 1,1-Dichloroethene	4.187	96	104595	16.135	ug/l	91
13) Acrolein	4.040	56	81661	44.317	ug/l	99
14) Allyl chloride	4.834	41	227391	16.128	ug/l	87
15) Acrylonitrile	5.545	53	415547	80.388	ug/l	99
16) Acetone	4.281	43	357559	82.923	ug/l	95
17) Carbon Disulfide	4.534	76	273225	14.805	ug/l	99
18) Methyl Acetate	4.845	43	212511	18.649	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	433674	17.818	ug/l	94
20) Methylene Chloride	5.098	84	134836	17.361	ug/l	94
21) trans-1,2-Dichloroethene	5.598	96	115248	16.254	ug/l	89
22) Diisopropyl ether	6.492	45	480140	17.286	ug/l	91
23) Vinyl Acetate	6.428	43	2056443	87.452	ug/l	98
24) 1,1-Dichloroethane	6.387	63	250480	17.066	ug/l	100
25) 2-Butanone	7.328	43	550917	79.314	ug/l	97
26) 2,2-Dichloropropane	7.322	77	201464	17.792	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	141887	16.860	ug/l	90
28) Bromochloromethane	7.651	49	109190	16.706	ug/l	85
29) Tetrahydrofuran	7.675	42	382704	79.531	ug/l	92
30) Chloroform	7.810	83	237325	16.953	ug/l	98
31) Cyclohexane	8.086	56	235846	16.666	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	200788	16.838	ug/l	97
36) 1,1-Dichloropropene	8.216	75	171910	16.351	ug/l	98
37) Ethyl Acetate	7.404	43	237041	16.382	ug/l	98
38) Carbon Tetrachloride	8.204	117	172218	16.934	ug/l	98
39) Methylcyclohexane	9.457	83	210869	17.049	ug/l	90
40) Benzene	8.457	78	547254	17.276	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	114917	16.228	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	201783	18.305	ug/l	99
43) Isopropyl Acetate	8.557	43	391931	18.113	ug/l	94
44) Trichloroethene	9.210	130	130159	17.414	ug/l	96
45) 1,2-Dichloropropane	9.486	63	145299	17.087	ug/l	100
46) Dibromomethane	9.569	93	92341	17.643	ug/l	97
47) Bromodichloromethane	9.757	83	186148	17.599	ug/l	97
48) Methyl methacrylate	9.551	41	171491	17.102	ug/l #	84
49) 1,4-Dioxane	9.563	88	56670	325.127	ug/l	88
51) 4-Methyl-2-Pentanone	10.322	43	1118246	83.272	ug/l	100
52) Toluene	10.498	92	339544	17.407	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	201930	17.319	ug/l	99
54) cis-1,3-Dichloropropene	10.180	75	226191	17.754	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	135025	17.274	ug/l	98
56) Ethyl methacrylate	10.757	69	218173	17.092	ug/l	93
57) 1,3-Dichloropropane	11.039	76	242963	17.317	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	306734	129.492	ug/l	94
59) 2-Hexanone	11.080	43	792462	86.488	ug/l	100
60) Dibromochloromethane	11.233	129	140457	18.085	ug/l	98
61) 1,2-Dibromoethane	11.339	107	135838	17.004	ug/l	99
64) Tetrachloroethene	10.975	164	112533	17.409	ug/l	98
65) Chlorobenzene	11.763	112	343919	17.279	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	130360	17.862	ug/l	99
67) Ethyl Benzene	11.839	91	625491	17.774	ug/l	95
68) m/p-Xylenes	11.951	106	474525	36.858	ug/l	99
69) o-Xylene	12.274	106	237810	18.428	ug/l	99
70) Styrene	12.292	104	371881	18.616	ug/l	97
71) Bromoform	12.451	173	100342	18.104	ug/l #	99
73) Isopropylbenzene	12.574	105	599390	16.477	ug/l	100
74) N-amyl acetate	12.380	43	231814	16.948	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	208889	17.666	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	202324m	20.453	ug/l	
77) Bromobenzene	12.857	156	141104	16.634	ug/l	81
78) n-propylbenzene	12.916	91	664058	17.011	ug/l	98
79) 2-Chlorotoluene	13.004	91	415480	16.580	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	490999	17.348	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	59893	17.156	ug/l	94
82) 4-Chlorotoluene	13.098	91	392003	17.563	ug/l	94
83) tert-Butylbenzene	13.316	119	434713	17.211	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	481371	17.757	ug/l	99
85) sec-Butylbenzene	13.498	105	574071	17.100	ug/l	99
86) p-Isopropyltoluene	13.610	119	465425	17.628	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	237941	17.263	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	230968	17.143	ug/l	97
89) n-Butylbenzene	13.939	91	357356	17.305	ug/l	96
90) Hexachloroethane	14.204	117	83094	15.826	ug/l	90
91) 1,2-Dichlorobenzene	13.980	146	233632	17.631	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	35428	16.738	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	99247	18.077	ug/l	99
94) Hexachlorobutadiene	15.362	225	64540	17.349	ug/l	98
95) Naphthalene	15.504	128	246383	17.866	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	93226	17.607	ug/l	99

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

