

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031422\
 Data File : VN071264.D
 Acq On : 14 Mar 2022 14:26
 Operator : JC\MD
 Sample : VN0314WBS03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS03

Manual Integrations
 APPROVED

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

Quant Time: Mar 15 02:51:34 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	721580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1174044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1031155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	411591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	444291	44.925	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.860%		
35) Dibromofluoromethane	8.016	113	335019	45.220	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.440%		
50) Toluene-d8	10.439	98	1312666	44.006	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.020%		
62) 4-Bromofluorobenzene	12.727	95	424762	42.052	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	114476	14.475	ug/l	98
3) Chloromethane	2.299	50	165221	15.538	ug/l	96
4) Vinyl Chloride	2.440	62	149634	15.439	ug/l	99
5) Bromomethane	2.851	94	86328	15.869	ug/l	93
6) Chloroethane	3.016	64	93521	15.934	ug/l	95
7) Trichlorofluoromethane	3.375	101	197195	15.459	ug/l	93
8) Diethyl Ether	3.822	74	86525	15.851	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.210	101	116318	15.751	ug/l	94
10) Methyl Iodide	4.422	142	148352	14.223	ug/l	99
11) Tert butyl alcohol	5.357	59	154702	79.630	ug/l	99
12) 1,1-Dichloroethene	4.187	96	111125	15.361	ug/l	96
13) Acrolein	4.040	56	94293	45.855	ug/l	99
14) Allyl chloride	4.845	41	242666	15.423	ug/l	87
15) Acrylonitrile	5.545	53	448675	77.778	ug/l	98
16) Acetone	4.281	43	383183	79.632	ug/l	98
17) Carbon Disulfide	4.534	76	283548	13.768	ug/l	99
18) Methyl Acetate	4.851	43	241166	18.956	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	439942	16.198	ug/l	96
20) Methylene Chloride	5.098	84	141599	16.360	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	119163	15.060	ug/l	91
22) Diisopropyl ether	6.492	45	490655	15.829	ug/l	94
23) Vinyl Acetate	6.428	43	2129079	81.133	ug/l	98
24) 1,1-Dichloroethane	6.386	63	257562	15.725	ug/l	99
25) 2-Butanone	7.328	43	624110	80.515	ug/l	97
26) 2,2-Dichloropropane	7.328	77	209631	16.589	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	147842	15.743	ug/l	91
28) Bromochloromethane	7.657	49	114375	15.681	ug/l	83
29) Tetrahydrofuran	7.681	42	427947	79.692	ug/l	92
30) Chloroform	7.810	83	250389	16.028	ug/l	93
31) Cyclohexane	8.092	56	244091	15.456	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	216296	16.254	ug/l	97
36) 1,1-Dichloropropene	8.216	75	183372	15.448	ug/l	96
37) Ethyl Acetate	7.404	43	257387	15.755	ug/l	98
38) Carbon Tetrachloride	8.204	117	181844	15.838	ug/l	99
39) Methylcyclohexane	9.457	83	215472	15.430	ug/l	93
40) Benzene	8.457	78	565120	15.801	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	131357	16.430	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	204870	16.461	ug/l	99
43) Isopropyl Acetate	8.557	43	525330	21.504	ug/l #	87
44) Trichloroethene	9.216	130	133926	15.871	ug/l	97
45) 1,2-Dichloropropane	9.486	63	150286	15.654	ug/l	99
46) Dibromomethane	9.575	93	94660	16.019	ug/l	97
47) Bromodichloromethane	9.757	83	190731	15.972	ug/l	99
48) Methyl methacrylate	9.557	41	181809	16.059	ug/l #	84
49) 1,4-Dioxane	9.569	88	65634	333.530	ug/l #	85
51) 4-Methyl-2-Pentanone	10.327	43	1227102	80.937	ug/l	100
52) Toluene	10.504	92	352257	15.995	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	210073	15.958	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	232899	16.192	ug/l	96
55) 1,1,2-Trichloroethane	10.898	97	138957	15.746	ug/l	98
56) Ethyl methacrylate	10.757	69	225888	15.674	ug/l	92
57) 1,3-Dichloropropane	11.039	76	249703	15.764	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	273700	108.186	ug/l	97
59) 2-Hexanone	11.080	43	891674	86.197	ug/l	99
60) Dibromochloromethane	11.233	129	141435	16.130	ug/l	99
61) 1,2-Dibromoethane	11.339	107	139682	15.487	ug/l	100
64) Tetrachloroethene	10.974	164	113099	15.726	ug/l	97
65) Chlorobenzene	11.768	112	357848	16.159	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	137017	16.874	ug/l	99
67) Ethyl Benzene	11.839	91	650194	16.606	ug/l	98
68) m/p-Xylenes	11.951	106	488259	34.087	ug/l	99
69) o-Xylene	12.274	106	241406	16.813	ug/l	96
70) Styrene	12.292	104	383434	17.252	ug/l	97
71) Bromoform	12.451	173	106948	17.344	ug/l #	100
73) Isopropylbenzene	12.574	105	623643	15.718	ug/l	99
74) N-amyl acetate	12.380	43	250105	16.765	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	223528	17.282	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	197100m	17.949	ug/l	
77) Bromobenzene	12.857	156	144553	15.624	ug/l	80
78) n-propylbenzene	12.915	91	683824	16.061	ug/l	96
79) 2-Chlorotoluene	13.004	91	429936	15.731	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	500412	16.211	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	65621	17.235	ug/l	94
82) 4-Chlorotoluene	13.098	91	397362	16.323	ug/l	94
83) tert-Butylbenzene	13.315	119	451272	16.381	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	495030	16.743	ug/l	99
85) sec-Butylbenzene	13.498	105	587492	16.045	ug/l	98
86) p-Isopropyltoluene	13.610	119	472405	16.405	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	238516	15.866	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	229806	15.639	ug/l	97
89) n-Butylbenzene	13.939	91	350716	15.572	ug/l	96
90) Hexachloroethane	14.204	117	88881	15.521	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	234170	16.202	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.604	75	38823	16.817	ug/l	86
93) 1,2,4-Trichlorobenzene	15.256	180	95347	16.279	ug/l	99
94) Hexachlorobutadiene	15.362	225	64931	16.003	ug/l	97
95) Naphthalene	15.498	128	262347	17.562	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	95014	16.632	ug/l	98

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

