

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012422\
 Data File : VN070750.D
 Acq On : 24 Jan 2022 12:47
 Operator : JC/MD
 Sample : VN0124WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/25/2022
 Supervised By : Mahesh Dadoda 01/25/2022

Quant Time: Jan 24 23:29:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	758608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1233676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1116170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	440217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	548143	50.418	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.840%			
35) Dibromofluoromethane	8.021	113	387025	50.575	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.140%			
50) Toluene-d8	10.440	98	1587928	49.256	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.520%			
62) 4-Bromofluorobenzene	12.731	95	554664	48.283	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	143099	16.324	ug/l	99
3) Chloromethane	2.303	50	202087	15.771	ug/l	99
4) Vinyl Chloride	2.451	62	216073	17.730	ug/l	99
5) Bromomethane	2.853	94	132088	20.810	ug/l	99
6) Chloroethane	3.019	64	138062	18.153	ug/l	98
7) Trichlorofluoromethane	3.381	101	274533	19.719	ug/l	97
8) Diethyl Ether	3.827	74	125531	20.641	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.213	101	165269	19.641	ug/l	96
10) Methyl Iodide	4.425	142	214862	19.802	ug/l	98
11) Tert butyl alcohol	5.377	59	160860	82.010	ug/l #	83
12) 1,1-Dichloroethene	4.186	96	165106	19.673	ug/l	92
13) Acrolein	4.041	56	358366	127.392	ug/l	98
14) Allyl chloride	4.846	41	318633	17.425	ug/l #	84
15) Acrylonitrile	5.554	53	525650	84.241	ug/l	99
16) Acetone	4.285	43	725448	96.137	ug/l	96
17) Carbon Disulfide	4.529	76	366202	16.067	ug/l	97
18) Methyl Acetate	4.857	43	244530	16.478	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	534470	17.827	ug/l	96
20) Methylene Chloride	5.093	84	169467	17.049	ug/l #	85
21) trans-1,2-Dichloroethene	5.599	96	144814	17.145	ug/l	88
22) Diisopropyl ether	6.495	45	643159	17.745	ug/l	92
23) Vinyl Acetate	6.434	43	2687000	87.458	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	316268	17.445	ug/l	97
25) 2-Butanone	7.335	43	789304	83.125	ug/l	92
26) 2,2-Dichloropropane	7.324	77	254400	18.302	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	174345	17.376	ug/l	85
28) Bromochloromethane	7.657	49	151912	18.663	ug/l #	76
29) Tetrahydrofuran	7.686	42	489190	84.138	ug/l	88
30) Chloroform	7.815	83	301989	16.721	ug/l	100
31) Cyclohexane	8.096	56	322965	16.870	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	257759	18.317	ug/l	98
36) 1,1-Dichloropropene	8.220	75	226305	17.566	ug/l	96
37) Ethyl Acetate	7.410	43	286940	16.777	ug/l #	83
38) Carbon Tetrachloride	8.204	117	213117	18.595	ug/l	99
39) Methylcyclohexane	9.459	83	273702	17.209	ug/l	87
40) Benzene	8.458	78	704191	17.641	ug/l	98

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41) Methacrylonitrile	7.632	41	151117	17.367	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	256541	18.534	ug/l	99
43) Isopropyl Acetate	8.558	43	451862	17.297	ug/l	96
44) Trichloroethene	9.215	130	160477	17.733	ug/l	91
45) 1,2-Dichloropropane	9.488	63	190744	17.562	ug/l	100
46) Dibromomethane	9.574	93	112947	17.885	ug/l	94
47) Bromodichloromethane	9.759	83	228914	17.733	ug/l	99
48) Methyl methacrylate	9.558	41	203170	16.325	ug/l #	85
49) 1,4-Dioxane	9.569	88	63272	338.458	ug/l #	77
51) 4-Methyl-2-Pentanone	10.328	43	1459313	87.544	ug/l	98
52) Toluene	10.502	92	437955	18.341	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	253327	17.808	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	277908	17.951	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	165959	17.692	ug/l	98
56) Ethyl methacrylate	10.760	69	279455	17.245	ug/l	88
57) 1,3-Dichloropropane	11.044	76	300463	18.094	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	324367	86.820	ug/l	91
59) 2-Hexanone	11.084	43	1036595	85.601	ug/l	96
60) Dibromochloromethane	11.237	129	160279	18.318	ug/l	99
61) 1,2-Dibromoethane	11.344	107	167000	17.732	ug/l	98
64) Tetrachloroethene	10.977	164	151855	18.555	ug/l	93
65) Chlorobenzene	11.768	112	437780	18.103	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	157705	18.938	ug/l	99
67) Ethyl Benzene	11.843	91	825168	18.404	ug/l	96
68) m/p-Xylenes	11.950	106	602275	36.925	ug/l	91
69) o-Xylene	12.278	106	297923	18.406	ug/l	91
70) Styrene	12.294	104	476560	18.404	ug/l	95
71) Bromoform	12.455	173	115928	18.429	ug/l #	99
73) Isopropylbenzene	12.575	105	783942	18.824	ug/l	98
74) N-amyl acetate	12.388	43	292482	17.177	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	252959	17.985	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	237839m	20.370	ug/l	
77) Bromobenzene	12.857	156	174592	18.698	ug/l	76
78) n-propylbenzene	12.919	91	874862	18.784	ug/l	96
79) 2-Chlorotoluene	13.007	91	550912	18.699	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	649293	19.279	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	66786	17.041	ug/l	99
82) 4-Chlorotoluene	13.104	91	519286	18.864	ug/l	90
83) tert-Butylbenzene	13.321	119	553093	18.866	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	631326	19.502	ug/l	96
85) sec-Butylbenzene	13.501	105	761301	19.101	ug/l	96
86) p-Isopropyltoluene	13.613	119	602598	19.247	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	290192	18.682	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	281861	18.234	ug/l	95
89) n-Butylbenzene	13.940	91	474642	18.376	ug/l	97
90) Hexachloroethane	14.209	117	99632	18.204	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	279842	18.235	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	41622	17.445	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	121068	17.291	ug/l	99
94) Hexachlorobutadiene	15.367	225	90555	19.923	ug/l	98
95) Naphthalene	15.504	128	289609	16.380	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	115997	17.177	ug/l	99

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

