

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069735.D
 Acq On : 3 Dec 2021 23:17
 Operator : JC/MD
 Sample : VN1203WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 05:38:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1106766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1815710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1655868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	662039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	827099	48.401	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.800%		
35) Dibromofluoromethane	8.021	113	562359	49.446	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.900%		
50) Toluene-d8	10.440	98	2211986	48.437	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.880%		
62) 4-Bromofluorobenzene	12.731	95	742192	44.861	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	247714	19.190	ug/l	98
3) Chloromethane	2.306	50	295336	18.262	ug/l	99
4) Vinyl Chloride	2.451	62	279017	18.763	ug/l	97
5) Bromomethane	2.861	94	165810	20.524	ug/l	98
6) Chloroethane	3.025	64	168857	18.530	ug/l	97
7) Trichlorofluoromethane	3.379	101	361136	18.504	ug/l	97
8) Diethyl Ether	3.824	74	135006	17.961	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.210	101	206004	18.830	ug/l #	85
10) Methyl Iodide	4.425	142	268771	17.983	ug/l	97
11) Tert butyl alcohol	5.377	59	246972	76.459	ug/l	98
12) 1,1-Dichloroethene	4.183	96	194139	18.415	ug/l	90
13) Acrolein	4.041	56	200443	72.868	ug/l	98
14) Allyl chloride	4.843	41	408307	17.188	ug/l	96
15) Acrylonitrile	5.557	53	734632	84.401	ug/l	100
16) Acetone	4.288	43	691135	67.234	ug/l	97
17) Carbon Disulfide	4.529	76	472049	17.332	ug/l	99
18) Methyl Acetate	4.859	43	513707	16.556	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	749198	18.277	ug/l	95
20) Methylene Chloride	5.098	84	246571	18.043	ug/l #	84
21) trans-1,2-Dichloroethene	5.599	96	207268	18.101	ug/l	85
22) Diisopropyl ether	6.498	45	883455	19.027	ug/l	96
23) Vinyl Acetate	6.436	43	3467566	91.794	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	449619	18.693	ug/l	97
25) 2-Butanone	7.337	43	1074107	76.904	ug/l	90
26) 2,2-Dichloropropane	7.327	77	304384	16.276	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	252704	18.266	ug/l	87
28) Bromochloromethane	7.659	49	216509	17.310	ug/l #	78
29) Tetrahydrofuran	7.686	42	716837	84.523	ug/l	88
30) Chloroform	7.817	83	455162	18.738	ug/l	98
31) Cyclohexane	8.094	56	448503	18.860	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	384195	18.568	ug/l	95
36) 1,1-Dichloropropene	8.222	75	326365	18.881	ug/l	96
37) Ethyl Acetate	7.415	43	422162	16.410	ug/l	96
38) Carbon Tetrachloride	8.206	117	316865	18.694	ug/l	99
39) Methylcyclohexane	9.459	83	381660	18.563	ug/l	91
40) Benzene	8.458	78	1006554	19.051	ug/l	99

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41) Methacrylonitrile	7.638	41	208458	17.261	ug/l	90
42) 1,2-Dichloroethane	8.528	62	399892	18.750	ug/l	97
43) Isopropyl Acetate	8.560	43	674825	17.725	ug/l #	94
44) Trichloroethene	9.215	130	237368	18.823	ug/l	92
45) 1,2-Dichloropropane	9.491	63	269251	18.978	ug/l	99
46) Dibromomethane	9.577	93	173522	18.649	ug/l	93
47) Bromodichloromethane	9.762	83	330298	18.749	ug/l	99
48) Methyl methacrylate	9.561	41	308047	17.338	ug/l	90
49) 1,4-Dioxane	9.571	88	97911	307.132	ug/l #	81
51) 4-Methyl-2-Pentanone	10.330	43	2175887	88.101	ug/l	95
52) Toluene	10.505	92	609510	18.896	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	326821	17.354	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	366635	17.824	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	241223	18.535	ug/l	99
56) Ethyl methacrylate	10.760	69	388904	17.394	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	429089	18.724	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	386167	72.339	ug/l	91
59) 2-Hexanone	11.084	43	1488894	79.692	ug/l	92
60) Dibromochloromethane	11.237	129	226071	17.818	ug/l	99
61) 1,2-Dibromoethane	11.344	107	246252	18.268	ug/l	100
64) Tetrachloroethene	10.977	164	222333	19.802	ug/l	96
65) Chlorobenzene	11.768	112	629042	18.726	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	228095	19.292	ug/l	98
67) Ethyl Benzene	11.843	91	1170289	19.179	ug/l	96
68) m/p-Xylenes	11.953	106	853771	38.427	ug/l	93
69) o-Xylene	12.280	106	419081	18.726	ug/l	91
70) Styrene	12.294	104	660986	18.626	ug/l	95
71) Bromoform	12.457	173	150682	16.817	ug/l #	99
73) Isopropylbenzene	12.578	105	1093047	18.557	ug/l	99
74) N-amyl acetate	12.388	43	414404	15.908	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	363613	17.852	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	331838m	17.478	ug/l	
77) Bromobenzene	12.860	156	250280	18.090	ug/l	78
78) n-propylbenzene	12.919	91	1223597	18.668	ug/l	95
79) 2-Chlorotoluene	13.007	91	767418	18.529	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	895990	18.899	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	77203	16.289	ug/l #	83
82) 4-Chlorotoluene	13.104	91	711937	18.278	ug/l	93
83) tert-Butylbenzene	13.324	119	785034	18.700	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	858960	19.024	ug/l	98
85) sec-Butylbenzene	13.501	105	1038767	18.242	ug/l	98
86) p-Isopropyltoluene	13.613	119	810997	18.221	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	407936	17.947	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	399559	17.888	ug/l	97
89) n-Butylbenzene	13.943	91	591447	16.381	ug/l	97
90) Hexachloroethane	14.211	117	137822	17.637	ug/l	85
91) 1,2-Dichlorobenzene	13.989	146	403496	18.219	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	58132	15.794	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	147746	15.697	ug/l	98
94) Hexachlorobutadiene	15.370	225	102083	17.393	ug/l	98
95) Naphthalene	15.507	128	368509	14.467	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	145552	15.515	ug/l	98

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

