

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069712.D
 Acq On : 3 Dec 2021 12:05
 Operator : JC/MD
 Sample : VN1203WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Manual Integrations
 APPROVED

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

Quant Time: Dec 04 05:28:36 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	1155492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1866637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1712121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	712457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	857863	48.084	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.160%		
35) Dibromofluoromethane	8.021	113	592198	50.649	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.300%		
50) Toluene-d8	10.440	98	2335797	49.753	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.500%		
62) 4-Bromofluorobenzene	12.731	95	818916	48.148	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	291090	21.599	ug/l	99
3) Chloromethane	2.303	50	328631	19.464	ug/l	99
4) Vinyl Chloride	2.448	62	317486	20.450	ug/l	99
5) Bromomethane	2.853	94	190685	22.608	ug/l	99
6) Chloroethane	3.019	64	187731	19.733	ug/l	94
7) Trichlorofluoromethane	3.376	101	419847	20.605	ug/l	98
8) Diethyl Ether	3.827	74	157142	20.024	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.205	101	240919	21.093	ug/l	96
10) Methyl Iodide	4.419	142	294246	18.857	ug/l	96
11) Tert butyl alcohol	5.379	59	259594	76.977	ug/l #	84
12) 1,1-Dichloroethene	4.181	96	219280	19.923	ug/l	91
13) Acrolein	4.041	56	223511	77.828	ug/l	98
14) Allyl chloride	4.843	41	472177	19.038	ug/l	96
15) Acrylonitrile	5.554	53	797499	87.760	ug/l	98
16) Acetone	4.288	43	939639	87.554	ug/l	96
17) Carbon Disulfide	4.529	76	575021	20.222	ug/l	99
18) Methyl Acetate	4.856	43	564180	17.416	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	864970	20.211	ug/l	97
20) Methylene Chloride	5.092	84	272671	19.112	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	242347	20.272	ug/l	88
22) Diisopropyl ether	6.498	45	995546	20.537	ug/l	95
23) Vinyl Acetate	6.433	43	3954197	100.263	ug/l	95
24) 1,1-Dichloroethane	6.385	63	509594	20.293	ug/l	97
25) 2-Butanone	7.335	43	1242905	85.237	ug/l	90
26) 2,2-Dichloropropane	7.324	77	394373	20.199	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	287445	19.901	ug/l	86
28) Bromochloromethane	7.656	49	246909	18.908	ug/l #	80
29) Tetrahydrofuran	7.686	42	785755	88.742	ug/l	88
30) Chloroform	7.817	83	506869	19.986	ug/l	99
31) Cyclohexane	8.094	56	513533	20.683	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	433860	20.084	ug/l	96
36) 1,1-Dichloropropene	8.220	75	379396	21.351	ug/l	96
37) Ethyl Acetate	7.415	43	483244	18.271	ug/l #	93
38) Carbon Tetrachloride	8.206	117	361344	20.737	ug/l	98
39) Methylcyclohexane	9.459	83	464428	21.973	ug/l	89
40) Benzene	8.458	78	1129989	20.804	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	233929	18.842	ug/l	91
42) 1,2-Dichloroethane	8.528	62	455981	20.796	ug/l	96
43) Isopropyl Acetate	8.560	43	757139	19.345	ug/l #	94
44) Trichloroethene	9.215	130	273733	21.115	ug/l	92
45) 1,2-Dichloropropane	9.488	63	301116	20.645	ug/l	100
46) Dibromomethane	9.577	93	196337	20.525	ug/l	94
47) Bromodichloromethane	9.759	83	372388	20.561	ug/l	99
48) Methyl methacrylate	9.561	41	374194	20.487	ug/l #	82
49) 1,4-Dioxane	9.569	88	109425	333.884	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	2401007	94.563	ug/l	95
52) Toluene	10.505	92	692763	20.891	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	391217	19.747	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	434586	20.246	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	267745	20.011	ug/l	95
56) Ethyl methacrylate	10.762	69	446616	19.164	ug/l	87
57) 1,3-Dichloropropane	11.044	76	479604	20.358	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	483505	84.095	ug/l	92
59) 2-Hexanone	11.084	43	1697916	88.401	ug/l	92
60) Dibromochloromethane	11.237	129	259217	19.599	ug/l	100
61) 1,2-Dibromoethane	11.344	107	276104	19.924	ug/l	98
64) Tetrachloroethene	10.977	164	258404	22.258	ug/l	96
65) Chlorobenzene	11.771	112	731215	21.052	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	255183	20.873	ug/l	99
67) Ethyl Benzene	11.846	91	1341805	21.267	ug/l	97
68) m/p-Xylenes	11.953	106	999056	43.489	ug/l	93
69) o-Xylene	12.280	106	487117	21.051	ug/l	90
70) Styrene	12.294	104	780945	21.283	ug/l	96
71) Bromoform	12.457	173	178644	18.883	ug/l #	99
73) Isopropylbenzene	12.578	105	1290052	20.351	ug/l	99
74) N-amyl acetate	12.387	43	497752	17.756	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	415703	18.965	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	357484m	17.497	ug/l	
77) Bromobenzene	12.859	156	294722	19.794	ug/l	81
78) n-propylbenzene	12.921	91	1458316	20.674	ug/l	96
79) 2-Chlorotoluene	13.007	91	899533	20.182	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	1050208	20.584	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	97439	18.401	ug/l	88
82) 4-Chlorotoluene	13.104	91	850729	20.296	ug/l	94
83) tert-Butylbenzene	13.323	119	922258	20.414	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	1022545	21.044	ug/l	98
85) sec-Butylbenzene	13.500	105	1268154	20.695	ug/l	97
86) p-Isopropyltoluene	13.616	119	1007158	21.027	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	489460	20.010	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	467869	19.464	ug/l	95
89) n-Butylbenzene	13.943	91	779989	20.074	ug/l	98
90) Hexachloroethane	14.211	117	165124	19.635	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	475661	19.958	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	68490	17.291	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	196986	18.760	ug/l	97
94) Hexachlorobutadiene	15.370	225	129871	20.561	ug/l	99
95) Naphthalene	15.507	128	453788	15.980	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	183348	17.746	ug/l	98

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

