

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069831.D
 Acq On : 7 Dec 2021 23:27
 Operator : JC/MD
 Sample : VN1207WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBS02

Quant Time: Dec 08 04:41:55 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Amit Patel 12/14/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1159631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1902324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1718629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	665925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	915537	51.134	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.260%			
35) Dibromofluoromethane	8.021	113	628858	52.775	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.560%			
50) Toluene-d8	10.440	98	2493776	52.121	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.240%			
62) 4-Bromofluorobenzene	12.731	95	837648	48.326	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	258850	19.138	ug/l	99
3) Chloromethane	2.306	50	312940	18.468	ug/l	100
4) Vinyl Chloride	2.451	62	290298	18.632	ug/l	96
5) Bromomethane	2.864	94	172747	20.408	ug/l	98
6) Chloroethane	3.027	64	181415	19.001	ug/l	98
7) Trichlorofluoromethane	3.381	101	386592	18.905	ug/l	99
8) Diethyl Ether	3.827	74	150636	19.126	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	224795	19.611	ug/l	95
10) Methyl Iodide	4.422	142	280690	17.925	ug/l	97
11) Tert butyl alcohol	5.374	59	241511	71.359	ug/l	98
12) 1,1-Dichloroethene	4.183	96	209757	18.989	ug/l	91
13) Acrolein	4.044	56	303906	105.445	ug/l	97
14) Allyl chloride	4.843	41	453697	18.228	ug/l	94
15) Acrylonitrile	5.557	53	784329	86.003	ug/l	100
16) Acetone	4.288	43	729296	67.712	ug/l	96
17) Carbon Disulfide	4.532	76	515275	18.056	ug/l	100
18) Methyl Acetate	4.859	43	549481	16.902	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	807393	18.799	ug/l	96
20) Methylene Chloride	5.095	84	261244	18.246	ug/l	86
21) trans-1,2-Dichloroethene	5.599	96	224459	18.709	ug/l	89
22) Diisopropyl ether	6.495	45	964472	19.825	ug/l #	96
23) Vinyl Acetate	6.436	43	3829764	96.761	ug/l	95
24) 1,1-Dichloroethane	6.388	63	487388	19.340	ug/l	99
25) 2-Butanone	7.337	43	1117713	76.378	ug/l	90
26) 2,2-Dichloropropane	7.327	77	343106	17.511	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	272629	18.808	ug/l	86
28) Bromochloromethane	7.657	49	227921	17.392	ug/l #	76
29) Tetrahydrofuran	7.686	42	749437	84.338	ug/l	88
30) Chloroform	7.820	83	494273	19.420	ug/l	98
31) Cyclohexane	8.094	56	479583	19.247	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	413791	19.086	ug/l	95
36) 1,1-Dichloropropene	8.222	75	355208	19.614	ug/l	95
37) Ethyl Acetate	7.415	43	466433	17.305	ug/l #	94
38) Carbon Tetrachloride	8.206	117	342701	19.298	ug/l	96
39) Methylcyclohexane	9.459	83	409367	19.004	ug/l	90
40) Benzene	8.458	78	1077115	19.459	ug/l	97

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41) Methacrylonitrile	7.638	41	240713	19.024	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	430445	19.263	ug/l	97
43) Isopropyl Acetate	8.560	43	727659	18.243	ug/l #	94
44) Trichloroethene	9.215	130	255264	19.321	ug/l	89
45) 1,2-Dichloropropane	9.488	63	288052	19.378	ug/l	100
46) Dibromomethane	9.577	93	189186	19.406	ug/l	92
47) Bromodichloromethane	9.762	83	362518	19.641	ug/l	99
48) Methyl methacrylate	9.561	41	335939	18.047	ug/l	88
49) 1,4-Dioxane	9.566	88	96441	288.747	ug/l #	87
51) 4-Methyl-2-Pentanone	10.330	43	2325786	89.882	ug/l	95
52) Toluene	10.505	92	660023	19.531	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	365352	18.330	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	404199	18.651	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	261507	19.179	ug/l	96
56) Ethyl methacrylate	10.760	69	426284	18.093	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	468846	19.528	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	387797	70.100	ug/l	91
59) 2-Hexanone	11.084	43	1577334	80.582	ug/l	92
60) Dibromochloromethane	11.237	129	247212	18.493	ug/l	98
61) 1,2-Dibromoethane	11.344	107	262271	18.570	ug/l	100
64) Tetrachloroethene	10.980	164	237871	20.412	ug/l	96
65) Chlorobenzene	11.768	112	694862	19.930	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	247580	20.175	ug/l	99
67) Ethyl Benzene	11.843	91	1274498	20.124	ug/l	96
68) m/p-Xylenes	11.953	106	923332	40.040	ug/l	93
69) o-Xylene	12.280	106	459985	19.803	ug/l	92
70) Styrene	12.294	104	722259	19.609	ug/l	95
71) Bromoform	12.457	173	170380	18.077	ug/l #	99
73) Isopropylbenzene	12.578	105	1197578	20.213	ug/l	98
74) N-amyl acetate	12.388	43	454225	17.335	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	391816	19.124	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	356668m	18.676	ug/l	
77) Bromobenzene	12.860	156	273548	19.656	ug/l	79
78) n-propylbenzene	12.919	91	1316829	19.973	ug/l	96
79) 2-Chlorotoluene	13.007	91	830636	19.939	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	974708	20.439	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	83432	17.198	ug/l	85
82) 4-Chlorotoluene	13.104	91	779739	19.902	ug/l	92
83) tert-Butylbenzene	13.324	119	839590	19.883	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	936393	20.618	ug/l	98
85) sec-Butylbenzene	13.501	105	1131138	19.749	ug/l	97
86) p-Isopropyltoluene	13.616	119	889380	19.865	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	442108	19.337	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	426977	19.004	ug/l	97
89) n-Butylbenzene	13.940	91	658868	18.142	ug/l	98
90) Hexachloroethane	14.209	117	153178	19.487	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	434180	19.491	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	63360	17.114	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	168066	17.375	ug/l	99
94) Hexachlorobutadiene	15.370	225	111553	18.895	ug/l	99
95) Naphthalene	15.507	128	418466	15.819	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	164010	17.088	ug/l	98

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

