

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062321\
 Data File : VN067459.D
 Acq On : 23 Jun 2021 16:03
 Operator : JC/MD
 Sample : VN0623WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBSD01

Manual Integrations
 APPROVED

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 6/24/2021 4:58:58 PM

Quant Time: Jun 24 05:03:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	255372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	562960	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	504401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	191446	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	269054	53.41	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.82%			
35) Dibromofluoromethane	8.024	113	182243	48.67	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.34%			
50) Toluene-d8	10.443	98	743593	51.82	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.64%			
62) 4-Bromofluorobenzene	12.733	95	269278	45.47	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.94%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	83010	20.68	ug/l	98
3) Chloromethane	2.301	50	93656	24.16	ug/l	98
4) Vinyl Chloride	2.443	62	81023	21.32	ug/l	97
5) Bromomethane	2.853	94	45512	28.22	ug/l	99
6) Chloroethane	3.022	64	51955	22.25	ug/l	98
7) Trichlorofluoromethane	3.371	101	126193	23.92	ug/l	98
8) Diethyl Ether	3.821	74	54002	25.16	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.202	101	70984	22.37	ug/l	95
10) Methyl Iodide	4.417	142	71265	25.67	ug/l #	90
11) Tert butyl alcohol	5.388	59	86780	104.64	ug/l #	83
12) 1,1-Dichloroethene	4.181	96	72513	23.68	ug/l	92
13) Acrolein	4.039	56	64584	124.76	ug/l	98
14) Allyl chloride	4.835	41	148686	21.88	ug/l	93
15) Acrylonitrile	5.556	53	244079	134.09	ug/l #	89
16) Acetone	4.291	43	194108	100.40	ug/l	94
17) Carbon Disulfide	4.527	76	211846	21.42	ug/l	100
18) Methyl Acetate	4.859	43	113008	24.11	ug/l	96
19) Methyl tert-butyl Ether	5.621	73	287809	23.41	ug/l	93
20) Methylene Chloride	5.095	84	94013	23.37	ug/l	95
21) trans-1,2-Dichloroethene	5.597	96	78305	23.07	ug/l	96
22) Diisopropyl ether	6.503	45	309134	24.64	ug/l	95
23) Vinyl Acetate	6.436	43	1314414	114.36	ug/l	99
24) 1,1-Dichloroethane	6.385	63	168512	23.95	ug/l	100
25) 2-Butanone	7.343	43	325548	117.85	ug/l	98
26) 2,2-Dichloropropane	7.327	77	134626	18.88	ug/l	96
27) cis-1,2-Dichloroethene	7.329	96	93005	23.29	ug/l	96
28) Bromochloromethane	7.656	49	78850	24.08	ug/l	91
29) Tetrahydrofuran	7.691	42	209124	120.07	ug/l	95
30) Chloroform	7.820	83	160740	21.76	ug/l	97
31) Cyclohexane	8.096	56	157734	23.03	ug/l	99
32) 1,1,1-Trichloroethane	8.013	97	131684	19.41	ug/l	99
36) 1,1-Dichloropropene	8.222	75	119354	18.91	ug/l	99
37) Ethyl Acetate	7.420	43	140314	20.98	ug/l	98
38) Carbon Tetrachloride	8.206	117	103606	15.27	ug/l	97
39) Methylcyclohexane	9.461	83	138732	20.77	ug/l	94
40) Benzene	8.461	78	367840	20.88	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	70214	20.20	ug/l	96
42) 1,2-Dichloroethane	8.533	62	125449	16.85	ug/l	96
43) Isopropyl Acetate	8.566	43	237285	19.77	ug/l	98
44) Trichloroethene	9.217	130	75711	18.38	ug/l	97
45) 1,2-Dichloropropane	9.494	63	104137	22.17	ug/l	98
46) Dibromomethane	9.579	93	61560	19.26	ug/l	95
47) Bromodichloromethane	9.762	83	123450	17.22	ug/l	99
48) Methyl methacrylate	9.561	41	108564	19.84	ug/l	97
49) 1,4-Dioxane	9.574	88	31811	424.73	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	704354	101.94	ug/l	96
52) Toluene	10.507	92	225388	20.35	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	136016	17.13	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	152954	19.06	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	86026	20.09	ug/l	98
56) Ethyl methacrylate	10.765	69	154418	20.06	ug/l	92
57) 1,3-Dichloropropane	11.046	76	158601	20.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	209953	93.70	ug/l	94
59) 2-Hexanone	11.089	43	501077	98.98	ug/l	95
60) Dibromochloromethane	11.242	129	76251	16.28	ug/l	99
61) 1,2-Dibromoethane	11.350	107	83994	18.73	ug/l	99
64) Tetrachloroethene	10.979	164	67900	18.96	ug/l	97
65) Chlorobenzene	11.773	112	211393	19.26	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.846	131	70469	17.24	ug/l	98
67) Ethyl Benzene	11.848	91	425081	19.58	ug/l	98
68) m/p-Xylenes	11.956	106	295792	38.34	ug/l	98
69) o-Xylene	12.283	106	148820	19.72	ug/l	97
70) Styrene	12.296	104	242998	19.37	ug/l	97
71) Bromoform	12.463	173	45341	14.52	ug/l #	94
73) Isopropylbenzene	12.581	105	383255	20.86	ug/l	99
74) N-amyl acetate	12.390	43	186221	20.76	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.830	83	127975	23.37	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	128076m	25.76	ug/l	
77) Bromobenzene	12.862	156	72701	19.43	ug/l	91
78) n-propylbenzene	12.924	91	470708	21.54	ug/l	97
79) 2-Chlorotoluene	13.010	91	282192	20.74	ug/l	100
80) 1,3,5-Trimethylbenzene	13.063	105	315495	20.39	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	38635	19.26	ug/l	95
82) 4-Chlorotoluene	13.106	91	271444	20.04	ug/l	98
83) tert-Butylbenzene	13.326	119	255208	20.71	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	314363	20.56	ug/l	100
85) sec-Butylbenzene	13.503	105	371614	21.30	ug/l	99
86) p-Isopropyltoluene	13.618	119	278022	19.75	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	131183	19.44	ug/l	99
88) 1,4-Dichlorobenzene	13.699	146	128670	18.96	ug/l	99
89) n-Butylbenzene	13.946	91	269840	20.40	ug/l	99
90) Hexachloroethane	14.211	117	50017	18.16	ug/l	90
91) 1,2-Dichlorobenzene	13.991	146	128805	20.12	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	23725	17.33	ug/l	95
93) 1,2,4-Trichlorobenzene	15.265	180	56527	16.91	ug/l	98
94) Hexachlorobutadiene	15.375	225	26706	13.91	ug/l	95
95) Naphthalene	15.507	128	204941	19.31	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	56850	17.71	ug/l	97

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

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