

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011221\
 Data File : VN065488.D
 Acq On : 12 Jan 2021 12:17
 Operator : JC/MD
 Sample : VN0112WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/13/2021 4:39:16 PM

Quant Time: Jan 12 23:57:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	240325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	351853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	326413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	157220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	125084	46.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.20%		
35) Dibromofluoromethane	7.553	113	112300	52.90	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.80%		
50) Toluene-d8	10.058	98	409443	51.46	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.92%		
62) 4-Bromofluorobenzene	12.376	95	146947	47.04	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.08%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.849	85	38084	17.13	ug/l	98
3) Chloromethane	2.055	50	46902	18.53	ug/l	98
4) Vinyl Chloride	2.180	62	51586	19.59	ug/l	97
5) Bromomethane	2.541	94	38622	20.64	ug/l	96
6) Chloroethane	2.685	64	33589	19.74	ug/l	97
7) Trichlorofluoromethane	3.000	101	71862	18.24	ug/l	96
8) Diethyl Ether	3.389	74	31442	20.27	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.724	101	43549	19.71	ug/l	94
10) Methyl Iodide	3.914	142	68100	20.40	ug/l	92
11) Tert butyl alcohol	4.778	59	30856	69.51	ug/l	99
12) 1,1-Dichloroethene	3.701	96	42773	18.12	ug/l	97
13) Acrolein	3.579	56	30384	102.64	ug/l	100
14) Allyl chloride	4.280	41	63476	16.31	ug/l	99
15) Acrylonitrile	4.946	53	105641	98.48	ug/l	100
16) Acetone	3.791	43	87524	69.09	ug/l	92
17) Carbon Disulfide	4.010	76	91011	15.07	ug/l	99
18) Methyl Acetate	4.293	43	51133	20.99	ug/l	98
19) Methyl tert-butyl Ether	5.007	73	142707	19.04	ug/l	99
20) Methylene Chloride	4.508	84	50107	18.93	ug/l	97
21) trans-1,2-Dichloroethene	4.991	96	43128	18.61	ug/l	98
22) Diisopropyl ether	5.917	45	144102	18.60	ug/l	97
23) Vinyl Acetate	5.856	43	565403	86.61	ug/l	99
24) 1,1-Dichloroethane	5.804	63	82838	19.50	ug/l	100
25) 2-Butanone	6.801	43	130372	85.60	ug/l	97
26) 2,2-Dichloropropane	6.778	77	64559	15.90	ug/l	97
27) cis-1,2-Dichloroethene	6.785	96	53597	19.87	ug/l	97
28) Bromochloromethane	7.155	49	31076	16.52	ug/l	92
29) Tetrahydrofuran	7.180	42	87933	89.28	ug/l	99
30) Chloroform	7.331	83	85662	19.59	ug/l	99
31) Cyclohexane	7.614	56	66245	16.54	ug/l	98
32) 1,1,1-Trichloroethane	7.531	97	70081	17.69	ug/l	99
36) 1,1-Dichloropropene	7.753	75	59276	18.53	ug/l	98
37) Ethyl Acetate	6.894	43	55386	17.47	ug/l	98
38) Carbon Tetrachloride	7.737	117	59937	17.84	ug/l	99
39) Methylcyclohexane	9.045	83	66683	17.35	ug/l	98
40) Benzene	8.003	78	190750	20.04	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.132	41	28845	17.48	ug/l	88
42) 1,2-Dichloroethane	8.087	62	67202	19.11	ug/l	99
43) Isopropyl Acetate	8.132	43	94382	17.27	ug/l	98
44) Trichloroethene	8.801	130	56688	20.63	ug/l	95
45) 1,2-Dichloropropane	9.084	63	52101	21.06	ug/l	99
46) Dibromomethane	9.174	93	35048	20.86	ug/l	89
47) Bromodichloromethane	9.370	83	67393	19.02	ug/l	99
48) Methyl methacrylate	9.167	41	46360	17.47	ug/l	97
49) 1,4-Dioxane	9.171	88	11102	258.19	ug/l	97
51) 4-Methyl-2-Pentanone	9.955	43	285384	92.87	ug/l	99
52) Toluene	10.125	92	123359	20.56	ug/l	100
53) t-1,3-Dichloropropene	10.351	75	74152	18.57	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	81158	19.13	ug/l	99
55) 1,1,2-Trichloroethane	10.531	97	52044	21.93	ug/l	95
56) Ethyl methacrylate	10.402	69	70269	19.11	ug/l	99
57) 1,3-Dichloropropane	10.679	76	84574	21.59	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.662	63	133237	83.32	ug/l	98
59) 2-Hexanone	10.724	43	202805	89.78	ug/l	99
60) Dibromochloromethane	10.871	129	56189	19.86	ug/l	97
61) 1,2-Dibromoethane	10.978	107	53635	21.05	ug/l	99
64) Tetrachloroethene	10.601	164	65324	20.61	ug/l	95
65) Chlorobenzene	11.405	112	139251	20.96	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	53090	20.53	ug/l	99
67) Ethyl Benzene	11.482	91	230908	19.29	ug/l	99
68) m/p-Xylenes	11.595	106	179985	39.91	ug/l	98
69) o-Xylene	11.920	106	87532	19.99	ug/l	99
70) Styrene	11.936	104	147244	20.15	ug/l	99
71) Bromoform	12.100	173	42358	19.03	ug/l #	99
73) Isopropylbenzene	12.222	105	228066	19.05	ug/l	98
74) N-amyl acetate	12.045	43	78824	16.53	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.479	83	67976	21.05	ug/l	99
76) 1,2,3-Trichloropropane	12.527	75	66483m	20.73	ug/l	
77) Bromobenzene	12.498	156	66938	21.39	ug/l	87
78) n-propylbenzene	12.566	91	252371	18.67	ug/l	97
79) 2-Chlorotoluene	12.646	91	152963	19.22	ug/l	94
80) 1,3,5-Trimethylbenzene	12.707	105	195604	19.16	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.273	75	21373	16.80	ug/l	91
82) 4-Chlorotoluene	12.746	91	159227	19.42	ug/l	96
83) tert-Butylbenzene	12.968	119	170925	19.65	ug/l	96
84) 1,2,4-Trimethylbenzene	13.013	105	195714	19.69	ug/l	99
85) sec-Butylbenzene	13.145	105	214897	18.62	ug/l	98
86) p-Isopropyltoluene	13.264	119	201029	19.00	ug/l	98
87) 1,3-Dichlorobenzene	13.257	146	108269	20.69	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	109435	20.83	ug/l	98
89) n-Butylbenzene	13.588	91	159294	17.61	ug/l	98
90) Hexachloroethane	13.849	117	31362	17.24	ug/l	79
91) 1,2-Dichlorobenzene	13.627	146	109720	21.83	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.244	75	11703	17.59	ug/l	87
93) 1,2,4-Trichlorobenzene	14.881	180	54223	19.27	ug/l	98
94) Hexachlorobutadiene	14.981	225	37481	18.89	ug/l	98
95) Naphthalene	15.103	128	128875	18.12	ug/l	99
96) 1,2,3-Trichlorobenzene	15.283	180	53406	20.53	ug/l	97

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

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