

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010521\
 Data File : VN065382.D
 Acq On : 5 Jan 2021 12:44
 Operator : JC/MD
 Sample : VN0105WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/6/2021 3:32:26 PM

Quant Time: Jan 06 01:15:16 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	301019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	449719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	419571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	197872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	163366	48.07	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.14%			
35) Dibromofluoromethane	7.550	113	139259	51.33	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.66%			
50) Toluene-d8	10.058	98	520610	51.20	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.40%			
62) 4-Bromofluorobenzene	12.373	95	187603	46.99	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.98%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.849	85	45820	16.45	ug/l	99
3) Chloromethane	2.055	50	57843	18.25	ug/l	100
4) Vinyl Chloride	2.180	62	62007	18.80	ug/l	99
5) Bromomethane	2.541	94	47509	20.27	ug/l	94
6) Chloroethane	2.685	64	40080	18.80	ug/l	99
7) Trichlorofluoromethane	3.000	101	83230	16.87	ug/l	98
8) Diethyl Ether	3.386	74	35828	18.44	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.724	101	49267	17.80	ug/l	99
10) Methyl Iodide	3.913	142	73153	17.50	ug/l	94
11) Tert butyl alcohol	4.772	59	50389	90.62	ug/l	98
12) 1,1-Dichloroethene	3.701	96	49817	16.85	ug/l	99
13) Acrolein	3.576	56	35533	95.99	ug/l	98
14) Allyl chloride	4.280	41	81127	16.65	ug/l	98
15) Acrylonitrile	4.946	53	128914	95.94	ug/l	99
16) Acetone	3.788	43	110815	69.96	ug/l	93
17) Carbon Disulfide	4.010	76	121043	16.00	ug/l	99
18) Methyl Acetate	4.293	43	62974	20.64	ug/l	96
19) Methyl tert-butyl Ether	5.010	73	167956	17.89	ug/l	99
20) Methylene Chloride	4.508	84	58773	17.73	ug/l	99
21) trans-1,2-Dichloroethene	4.994	96	52453	18.07	ug/l	98
22) Diisopropyl ether	5.913	45	174759	18.01	ug/l	96
23) Vinyl Acetate	5.852	43	716644	87.65	ug/l	100
24) 1,1-Dichloroethane	5.801	63	98185	18.45	ug/l	99
25) 2-Butanone	6.801	43	164948	86.46	ug/l	98
26) 2,2-Dichloropropane	6.778	77	81025	15.94	ug/l	99
27) cis-1,2-Dichloroethene	6.785	96	63931	18.92	ug/l	96
28) Bromochloromethane	7.154	49	41603	17.61	ug/l	96
29) Tetrahydrofuran	7.177	42	109872	89.06	ug/l	100
30) Chloroform	7.331	83	101990	18.62	ug/l	99
31) Cyclohexane	7.614	56	83053	16.55	ug/l	94
32) 1,1,1-Trichloroethane	7.531	97	84563	17.04	ug/l	99
36) 1,1-Dichloropropene	7.753	75	72889	17.83	ug/l	99
37) Ethyl Acetate	6.891	43	71704	17.69	ug/l	100
38) Carbon Tetrachloride	7.733	117	73046	17.01	ug/l	98
39) Methylcyclohexane	9.045	83	84241	17.15	ug/l	98
40) Benzene	8.003	78	227491	18.70	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	35354	16.76	ug/l	87
42) 1,2-Dichloroethane	8.087	62	79805	17.75	ug/l	99
43) Isopropyl Acetate	8.132	43	120091	17.19	ug/l	98
44) Trichloroethene	8.801	130	66023	18.80	ug/l	94
45) 1,2-Dichloropropane	9.084	63	60992	19.29	ug/l	99
46) Dibromomethane	9.177	93	40287	18.76	ug/l	91
47) Bromodichloromethane	9.370	83	81104	17.91	ug/l	99
48) Methyl methacrylate	9.167	41	58180	17.16	ug/l	99
49) 1,4-Dioxane	9.170	88	21433	389.99	ug/l	99
51) 4-Methyl-2-Pentanone	9.952	43	355041	90.40	ug/l	100
52) Toluene	10.122	92	146285	19.08	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	88204	17.28	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	95472	17.61	ug/l	98
55) 1,1,2-Trichloroethane	10.534	97	61084	20.13	ug/l	96
56) Ethyl methacrylate	10.399	69	86157	18.34	ug/l	99
57) 1,3-Dichloropropane	10.678	76	98964	19.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.662	63	181595	88.85	ug/l	100
59) 2-Hexanone	10.723	43	254083	88.00	ug/l	99
60) Dibromochloromethane	10.871	129	64870	17.94	ug/l	100
61) 1,2-Dibromoethane	10.974	107	62395	19.16	ug/l	100
64) Tetrachloroethene	10.601	164	76201	18.70	ug/l	95
65) Chlorobenzene	11.402	112	159744	18.70	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.479	131	61251	18.43	ug/l	99
67) Ethyl Benzene	11.482	91	278128	18.07	ug/l	100
68) m/p-Xylenes	11.595	106	212697	36.69	ug/l	100
69) o-Xylene	11.920	106	103896	18.46	ug/l	100
70) Styrene	11.936	104	174576	18.59	ug/l	99
71) Bromoform	12.100	173	48925	17.10	ug/l #	100
73) Isopropylbenzene	12.222	105	272630	18.09	ug/l	100
74) N-amyl acetate	12.042	43	98807	16.47	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.476	83	79734	19.62	ug/l	98
76) 1,2,3-Trichloropropane	12.527	75	82424m	20.42	ug/l	
77) Bromobenzene	12.498	156	75931	19.28	ug/l	91
78) n-propylbenzene	12.563	91	299737	17.62	ug/l	98
79) 2-Chlorotoluene	12.646	91	182253	18.19	ug/l	98
80) 1,3,5-Trimethylbenzene	12.707	105	232475	18.09	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.273	75	25778	16.10	ug/l	91
82) 4-Chlorotoluene	12.746	91	185427	17.97	ug/l	98
83) tert-Butylbenzene	12.968	119	195935	17.90	ug/l	99
84) 1,2,4-Trimethylbenzene	13.013	105	233197	18.64	ug/l	100
85) sec-Butylbenzene	13.145	105	255654	17.60	ug/l	99
86) p-Isopropyltoluene	13.264	119	236087	17.73	ug/l	99
87) 1,3-Dichlorobenzene	13.257	146	124441	18.89	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	121192	18.33	ug/l	97
89) n-Butylbenzene	13.588	91	194960	17.13	ug/l	99
90) Hexachloroethane	13.846	117	39566	17.28	ug/l	82
91) 1,2-Dichlorobenzene	13.627	146	125016	19.76	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.244	75	14345	17.14	ug/l	91
93) 1,2,4-Trichlorobenzene	14.881	180	58562	16.93	ug/l	97
94) Hexachlorobutadiene	14.981	225	43207	17.30	ug/l	99
95) Naphthalene	15.103	128	151720	17.17	ug/l	100
96) 1,2,3-Trichlorobenzene	15.283	180	58115	18.19	ug/l	98

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

