

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021621\
 Data File : VN065875.D
 Acq On : 16 Feb 2021 16:00
 Operator : JC/MD
 Sample : VN0216WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0216WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/17/2021 10:36:12 AM

Quant Time: Feb 16 16:40:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 15 10:57:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	136009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	232350	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	207709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	88546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	79844	44.62	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 89.24%			
35) Dibromofluoromethane	7.547	113	73061	53.06	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.12%			
50) Toluene-d8	10.055	98	282484	52.19	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.38%			
62) 4-Bromofluorobenzene	12.370	95	105736	54.25	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.50%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.836	85	30677	20.14	ug/l	98
3) Chloromethane	2.039	50	38420	17.16	ug/l	99
4) Vinyl Chloride	2.168	62	41278	18.21	ug/l	98
5) Bromomethane	2.534	94	28227	21.51	ug/l	95
6) Chloroethane	2.676	64	24117	18.39	ug/l	99
7) Trichlorofluoromethane	2.991	101	45745	19.30	ug/l	98
8) Diethyl Ether	3.373	74	20032	17.73	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.711	101	29829	20.74	ug/l	96
10) Methyl Iodide	3.901	142	42652	20.23	ug/l	96
11) Tert butyl alcohol	4.756	59	24954	74.45	ug/l	96
12) 1,1-Dichloroethene	3.692	96	30206	18.24	ug/l	97
13) Acrolein	3.569	56	20376	83.34	ug/l	97
14) Allyl chloride	4.267	41	46522	15.16	ug/l	89
15) Acrylonitrile	4.936	53	70710	80.98	ug/l	99
16) Acetone	3.778	43	59891	85.98	ug/l	93
17) Carbon Disulfide	3.997	76	83160	15.95	ug/l	97
18) Methyl Acetate	4.283	43	30225	15.48	ug/l	95
19) Methyl tert-butyl Ether	4.997	73	96774	17.51	ug/l	97
20) Methylene Chloride	4.492	84	35949	18.64	ug/l	94
21) trans-1,2-Dichloroethene	4.978	96	32155	18.27	ug/l	94
22) Diisopropyl ether	5.904	45	97324	15.51	ug/l	97
23) Vinyl Acetate	5.843	43	368340	73.49	ug/l	98
24) 1,1-Dichloroethane	5.791	63	58427	17.47	ug/l	99
25) 2-Butanone	6.791	43	86207	78.93	ug/l	98
26) 2,2-Dichloropropane	6.769	77	44673	16.69	ug/l	98
27) cis-1,2-Dichloroethene	6.778	96	37900	18.80	ug/l	99
28) Bromochloromethane	7.145	49	25706	18.29	ug/l	99
29) Tetrahydrofuran	7.171	42	56966	71.91	ug/l	93
30) Chloroform	7.325	83	56283	18.27	ug/l	97
31) Cyclohexane	7.605	56	55780	16.58	ug/l	98
32) 1,1,1-Trichloroethane	7.521	97	44772	17.85	ug/l	99
36) 1,1-Dichloropropene	7.746	75	45200	19.33	ug/l	99
37) Ethyl Acetate	6.888	43	36609	16.32	ug/l	95
38) Carbon Tetrachloride	7.727	117	36996	19.22	ug/l	98
39) Methylcyclohexane	9.042	83	52791	18.51	ug/l	99
40) Benzene	7.997	78	140736	19.71	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.122	41	15371	12.76	ug/l #	100
42) 1,2-Dichloroethane	8.081	62	41347	19.21	ug/l	98
43) Isopropyl Acetate	8.129	43	59708	15.01	ug/l	94
44) Trichloroethene	8.798	130	36250	20.92	ug/l	99
45) 1,2-Dichloropropane	9.081	63	36615	18.64	ug/l	99
46) Dibromomethane	9.171	93	21592	19.90	ug/l	95
47) Bromodichloromethane	9.367	83	42126	18.09	ug/l	100
48) Methyl methacrylate	9.164	41	28564	15.14	ug/l	92
49) 1,4-Dioxane	9.167	88	11984	392.49	ug/l	97
51) 4-Methyl-2-Pentanone	9.952	43	176383	80.44	ug/l	94
52) Toluene	10.119	92	88765	20.99	ug/l	98
53) t-1,3-Dichloropropene	10.347	75	46983	17.33	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	56311	18.64	ug/l	92
55) 1,1,2-Trichloroethane	10.531	97	34252	21.23	ug/l	99
56) Ethyl methacrylate	10.396	69	47733	17.89	ug/l #	90
57) 1,3-Dichloropropane	10.675	76	55870	19.68	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	108240	87.85	ug/l	99
59) 2-Hexanone	10.720	43	125717	82.58	ug/l	93
60) Dibromochloromethane	10.871	129	31637	19.19	ug/l	98
61) 1,2-Dibromoethane	10.974	107	31791	19.77	ug/l	98
64) Tetrachloroethene	10.598	164	34056	19.57	ug/l	96
65) Chlorobenzene	11.402	112	91542	21.07	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.476	131	30664	19.96	ug/l	98
67) Ethyl Benzene	11.479	91	161361	19.77	ug/l	100
68) m/p-Xylenes	11.592	106	124504	42.13	ug/l	99
69) o-Xylene	11.916	106	59710	20.85	ug/l	98
70) Styrene	11.932	104	98462	20.89	ug/l	98
71) Bromoform	12.096	173	18675	17.59	ug/l #	98
73) Isopropylbenzene	12.219	105	156536	20.19	ug/l	99
74) N-amyl acetate	12.042	43	47881	14.60	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.476	83	43660	19.07	ug/l	97
76) 1,2,3-Trichloropropane	12.524	75	44646m	19.28	ug/l	
77) Bromobenzene	12.495	156	35939	21.41	ug/l	89
78) n-propylbenzene	12.563	91	173459	18.99	ug/l	99
79) 2-Chlorotoluene	12.643	91	106595	19.64	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	130568	19.78	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	13193	14.59	ug/l	96
82) 4-Chlorotoluene	12.743	91	104224	18.81	ug/l	99
83) tert-Butylbenzene	12.965	119	108616	19.73	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	130628	19.84	ug/l	98
85) sec-Butylbenzene	13.141	105	141569	19.05	ug/l	98
86) p-Isopropyltoluene	13.260	119	127200	19.39	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	61939	20.70	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	60388	19.89	ug/l	96
89) n-Butylbenzene	13.585	91	103816	17.61	ug/l	98
90) Hexachloroethane	13.846	117	19445	16.94	ug/l	94
91) 1,2-Dichlorobenzene	13.624	146	61142	20.59	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.241	75	6980	15.36	ug/l	97
93) 1,2,4-Trichlorobenzene	14.878	180	27568	17.66	ug/l	99
94) Hexachlorobutadiene	14.977	225	13506	18.54	ug/l	98
95) Naphthalene	15.100	128	85787	17.37	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	27912	17.70	ug/l	98

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

