

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020921\
 Data File : VN065774.D
 Acq On : 9 Feb 2021 12:07
 Operator : JC/MD
 Sample : VN0209WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0209WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/10/2021 10:07:56 AM

Quant Time: Feb 09 14:17:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	137824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	232431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	211769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	93167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	77429	42.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.40%		
35) Dibromofluoromethane	7.544	113	68386	49.65	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.30%		
50) Toluene-d8	10.055	98	266390	49.20	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.40%		
62) 4-Bromofluorobenzene	12.370	95	98362	50.45	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.90%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	27771	17.99	ug/l	99
3) Chloromethane	2.039	50	39362	17.35	ug/l	99
4) Vinyl Chloride	2.168	62	40047	17.43	ug/l	99
5) Bromomethane	2.534	94	26142	19.66	ug/l	95
6) Chloroethane	2.676	64	23694	17.83	ug/l	99
7) Trichlorofluoromethane	2.991	101	45254	18.84	ug/l	100
8) Diethyl Ether	3.377	74	20362	17.78	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.714	101	28603	19.63	ug/l	99
10) Methyl Iodide	3.901	142	41635	19.49	ug/l	98
11) Tert butyl alcohol	4.762	59	25959	76.43	ug/l #	85
12) 1,1-Dichloroethene	3.692	96	28797	17.16	ug/l	98
13) Acrolein	3.566	56	19834	80.77	ug/l	99
14) Allyl chloride	4.270	41	49388	15.88	ug/l	90
15) Acrylonitrile	4.933	53	73721	83.32	ug/l	98
16) Acetone	3.778	43	56954	80.69	ug/l	97
17) Carbon Disulfide	4.000	76	77247	14.62	ug/l	95
18) Methyl Acetate	4.280	43	34860	17.62	ug/l	100
19) Methyl tert-butyl Ether	4.994	73	95021	16.97	ug/l	99
20) Methylene Chloride	4.495	84	34614	17.71	ug/l	98
21) trans-1,2-Dichloroethene	4.978	96	30208	16.94	ug/l	92
22) Diisopropyl ether	5.904	45	104689	16.47	ug/l	97
23) Vinyl Acetate	5.843	43	392652	77.31	ug/l	100
24) 1,1-Dichloroethane	5.791	63	58587	17.29	ug/l	98
25) 2-Butanone	6.791	43	90749	81.99	ug/l	100
26) 2,2-Dichloropropane	6.769	77	44598	16.44	ug/l	99
27) cis-1,2-Dichloroethene	6.775	96	36268	17.75	ug/l	96
28) Bromochloromethane	7.148	49	20795	14.60	ug/l #	88
29) Tetrahydrofuran	7.171	42	63258	78.80	ug/l	98
30) Chloroform	7.325	83	56170	17.99	ug/l	97
31) Cyclohexane	7.608	56	53660	15.74	ug/l	97
32) 1,1,1-Trichloroethane	7.521	97	44657	17.57	ug/l	99
36) 1,1-Dichloropropene	7.746	75	43308	18.52	ug/l	99
37) Ethyl Acetate	6.888	43	40215	17.92	ug/l	98
38) Carbon Tetrachloride	7.727	117	36937	19.18	ug/l	99
39) Methylcyclohexane	9.042	83	50036	17.53	ug/l	97
40) Benzene	7.997	78	136530	19.11	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	18452	15.32	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	42150	19.57	ug/l	99
43) Isopropyl Acetate	8.126	43	65542	16.47	ug/l	94
44) Trichloroethene	8.794	130	35255	20.34	ug/l	98
45) 1,2-Dichloropropane	9.080	63	37291	18.97	ug/l	99
46) Dibromomethane	9.171	93	21667	19.96	ug/l	93
47) Bromodichloromethane	9.367	83	42238	18.14	ug/l	99
48) Methyl methacrylate	9.164	41	31237	16.55	ug/l	94
49) 1,4-Dioxane	9.167	88	12092	395.89	ug/l	97
51) 4-Methyl-2-Pentanone	9.949	43	198174	90.35	ug/l	99
52) Toluene	10.119	92	85385	20.18	ug/l	98
53) t-1,3-Dichloropropene	10.347	75	47519	17.52	ug/l	96
54) cis-1,3-Dichloropropene	9.804	75	55450	18.35	ug/l	96
55) 1,1,2-Trichloroethane	10.527	97	33041	20.47	ug/l	98
56) Ethyl methacrylate	10.396	69	48329	18.11	ug/l	96
57) 1,3-Dichloropropane	10.675	76	57456	20.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	99623	80.83	ug/l	96
59) 2-Hexanone	10.720	43	137178	90.08	ug/l	98
60) Dibromochloromethane	10.871	129	32028	19.42	ug/l	100
61) 1,2-Dibromoethane	10.974	107	32112	19.96	ug/l	98
64) Tetrachloroethene	10.598	164	35053	19.75	ug/l	97
65) Chlorobenzene	11.402	112	90962	20.53	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.476	131	31078	19.84	ug/l	98
67) Ethyl Benzene	11.479	91	157664	18.94	ug/l	98
68) m/p-Xylenes	11.588	106	120807	40.10	ug/l	99
69) o-Xylene	11.916	106	58837	20.15	ug/l	99
70) Styrene	11.932	104	95665	19.91	ug/l	99
71) Bromoform	12.093	173	19645	18.15	ug/l #	97
73) Isopropylbenzene	12.219	105	152833	18.74	ug/l	99
74) N-amyl acetate	12.039	43	54161	15.70	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.473	83	43533	18.07	ug/l	97
76) 1,2,3-Trichloropropane	12.521	75	42992m	17.65	ug/l	
77) Bromobenzene	12.495	156	35687	20.20	ug/l	86
78) n-propylbenzene	12.559	91	171713	17.86	ug/l	99
79) 2-Chlorotoluene	12.643	91	104674	18.33	ug/l	98
80) 1,3,5-Trimethylbenzene	12.701	105	129623	18.66	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	13877	14.59	ug/l	96
82) 4-Chlorotoluene	12.743	91	106179	18.22	ug/l	97
83) tert-Butylbenzene	12.961	119	108258	18.69	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	129554	18.70	ug/l	99
85) sec-Butylbenzene	13.141	105	141027	18.04	ug/l	99
86) p-Isopropyltoluene	13.257	119	126175	18.28	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	61119	19.41	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	61995	19.40	ug/l	98
89) n-Butylbenzene	13.585	91	104103	16.78	ug/l	99
90) Hexachloroethane	13.842	117	20110	16.65	ug/l	97
91) 1,2-Dichlorobenzene	13.624	146	61334	19.63	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	7232	15.13	ug/l	98
93) 1,2,4-Trichlorobenzene	14.878	180	29355	17.83	ug/l	99
94) Hexachlorobutadiene	14.977	225	15192	19.80	ug/l	96
95) Naphthalene	15.100	128	85690	16.67	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	30058	18.05	ug/l	98

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

