

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
 Data File : VN067122.D
 Acq On : 18 May 2021 13:09
 Operator : JC/MD
 Sample : VN0518WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/19/2021 3:59:56 PM

Quant Time: May 19 02:47:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.594	168	538061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.522	114	772994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	686594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.299	152	315084	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	281541	48.43	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.86%		
35) Dibromofluoromethane	7.516	113	257702	50.77	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.54%		
50) Toluene-d8	10.035	98	955335	49.66	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.32%		
62) 4-Bromofluorobenzene	12.355	95	321950	49.96	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.92%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.852	85	84154	17.19	ug/l	96
3) Chloromethane	2.053	50	96842	16.30	ug/l	99
4) Vinyl Chloride	2.179	62	105096	17.68	ug/l	100
5) Bromomethane	2.517	94	71934	17.46	ug/l	95
6) Chloroethane	2.665	64	61484	17.37	ug/l	95
7) Trichlorofluoromethane	2.984	101	141543	18.41	ug/l	94
8) Diethyl Ether	3.370	74	58527	17.90	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.705	101	89118	18.13	ug/l	98
10) Methyl Iodide	3.898	142	143640	17.73	ug/l	99
11) Tert butyl alcohol	4.722	59	95542	98.60	ug/l	100
12) 1,1-Dichloroethene	3.684	96	84992	16.80	ug/l	97
13) Acrolein	3.563	56	23482	73.35	ug/l	96
14) Allyl chloride	4.258	41	134446	17.24	ug/l	98
15) Acrylonitrile	4.904	53	201654	93.12	ug/l	100
16) Acetone	3.767	43	169023	93.56	ug/l	98
17) Carbon Disulfide	3.995	76	221638	16.35	ug/l	99
18) Methyl Acetate	4.263	43	102607	19.10	ug/l	100
19) Methyl tert-butyl Ether	4.966	73	277770	18.15	ug/l	99
20) Methylene Chloride	4.483	84	103201	17.51	ug/l	97
21) trans-1,2-Dichloroethene	4.963	96	92670	17.15	ug/l	98
22) Diisopropyl ether	5.872	45	259794	18.04	ug/l	97
23) Vinyl Acetate	5.813	43	1179654	93.83	ug/l	100
24) 1,1-Dichloroethane	5.762	63	171159	17.56	ug/l	99
25) 2-Butanone	6.755	43	275257	97.71	ug/l	98
26) 2,2-Dichloropropane	6.741	77	151620	16.92	ug/l	99
27) cis-1,2-Dichloroethene	6.749	96	112515	17.43	ug/l	98
28) Bromochloromethane	7.117	49	76586	18.94	ug/l	99
29) Tetrahydrofuran	7.136	42	170781	97.62	ug/l	98
30) Chloroform	7.294	83	177829	17.82	ug/l	98
31) Cyclohexane	7.584	56	133629	16.69	ug/l	93
32) 1,1,1-Trichloroethane	7.495	97	155630	17.32	ug/l	99
36) 1,1-Dichloropropene	7.723	75	127650	18.10	ug/l	99
37) Ethyl Acetate	6.854	43	125446	20.14	ug/l	97
38) Carbon Tetrachloride	7.702	117	139147	18.54	ug/l	98
39) Methylcyclohexane	9.018	83	148721	18.01	ug/l	99
40) Benzene	7.972	78	399618	18.66	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.098	41	55166	21.95	ug/l	94
42) 1,2-Dichloroethane	8.058	62	131907	19.15	ug/l	100
43) Isopropyl Acetate	8.098	43	203783	19.72	ug/l	98
44) Trichloroethene	8.774	130	118768	19.51	ug/l	97
45) 1,2-Dichloropropane	9.056	63	106543	19.03	ug/l	97
46) Dibromomethane	9.150	93	71982	19.26	ug/l	98
47) Bromodichloromethane	9.346	83	145788	18.82	ug/l	100
48) Methyl methacrylate	9.144	41	87289	18.83	ug/l	98
49) 1,4-Dioxane	9.144	88	28700	390.18	ug/l	98
51) 4-Methyl-2-Pentanone	9.928	43	585577	97.61	ug/l	98
52) Toluene	10.099	92	265500	19.19	ug/l	98
53) t-1,3-Dichloropropene	10.330	75	160200	19.40	ug/l	98
54) cis-1,3-Dichloropropene	9.783	75	176236	18.99	ug/l	99
55) 1,1,2-Trichloroethane	10.510	97	105828	19.26	ug/l	98
56) Ethyl methacrylate	10.381	69	144466	18.36	ug/l	97
57) 1,3-Dichloropropane	10.654	76	170414	19.39	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.641	63	106393	102.19	ug/l	99
59) 2-Hexanone	10.703	43	339631	99.19	ug/l	99
60) Dibromochloromethane	10.850	129	126672	19.57	ug/l	99
61) 1,2-Dibromoethane	10.955	107	110770	19.65	ug/l	100
64) Tetrachloroethene	10.579	164	120111	19.93	ug/l	97
65) Chlorobenzene	11.384	112	294126	19.21	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.459	131	117955	19.43	ug/l	99
67) Ethyl Benzene	11.462	91	485603	18.83	ug/l	99
68) m/p-Xylenes	11.572	106	378741	38.01	ug/l	100
69) o-Xylene	11.901	106	189935	18.93	ug/l	100
70) Styrene	11.920	104	294035	18.83	ug/l	99
71) Bromoform	12.081	173	95466	19.27	ug/l #	100
73) Isopropylbenzene	12.202	105	493335	18.75	ug/l	99
74) N-amyl acetate	12.052	43	16018	3.66	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.457	83	147604	18.51	ug/l	99
76) 1,2,3-Trichloropropane	12.508	75	125770m	18.92	ug/l	
77) Bromobenzene	12.478	156	129951	19.85	ug/l	95
78) n-propylbenzene	12.545	91	507840	19.07	ug/l	98
79) 2-Chlorotoluene	12.628	91	322722	18.32	ug/l	98
80) 1,3,5-Trimethylbenzene	12.687	105	407763	18.57	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.258	75	32154	17.83	ug/l	98
82) 4-Chlorotoluene	12.728	91	302513	18.71	ug/l	99
83) tert-Butylbenzene	12.947	119	360193	17.38	ug/l	99
84) 1,2,4-Trimethylbenzene	12.996	105	369636	18.26	ug/l	99
85) sec-Butylbenzene	13.127	105	464636	18.77	ug/l	99
86) p-Isopropyltoluene	13.245	119	398409	18.54	ug/l	99
87) 1,3-Dichlorobenzene	13.240	146	207110	19.49	ug/l	99
88) 1,4-Dichlorobenzene	13.320	146	204113	18.44	ug/l	97
89) n-Butylbenzene	13.575	91	281754	17.29	ug/l	97
90) Hexachloroethane	13.827	117	74803	19.02	ug/l	97
91) 1,2-Dichlorobenzene	13.610	146	200905	18.23	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.237	75	20711	17.61	ug/l	90
93) 1,2,4-Trichlorobenzene	14.870	180	111699	19.99	ug/l	99
94) Hexachlorobutadiene	14.962	225	74033	19.24	ug/l	99
95) Naphthalene	15.090	128	239389	19.97	ug/l	99
96) 1,2,3-Trichlorobenzene	15.270	180	107575	20.87	ug/l	99

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

