

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030921\
 Data File : VN066159.D
 Acq On : 9 Mar 2021 17:12
 Operator : JC/MD
 Sample : VN0309WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/10/2021 1:44:29 PM

Quant Time: Mar 10 02:57:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 09 14:48:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	194020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	330957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	296289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	132283	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	173745	47.46	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.92%		
35) Dibromofluoromethane	7.507	113	112586	49.86	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.72%		
50) Toluene-d8	10.028	98	432521	48.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.38%		
62) 4-Bromofluorobenzene	12.345	95	148695	44.96	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.92%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	45110	18.59	ug/l	98
3) Chloromethane	2.017	50	75503	17.21	ug/l	98
4) Vinyl Chloride	2.148	62	64929	18.69	ug/l	99
5) Bromomethane	2.526	94	34699	18.62	ug/l	96
6) Chloroethane	2.660	64	34500	18.06	ug/l	98
7) Trichlorofluoromethane	2.969	101	72598	19.39	ug/l	97
8) Diethyl Ether	3.347	74	28972	18.77	ug/l	55
9) 1,1,2-Trichlorotrifluo...	3.685	101	35316	19.87	ug/l	92
10) Methyl Iodide	3.878	142	33286	16.40	ug/l #	88
11) Tert butyl alcohol	4.715	59	51010	81.41	ug/l	98
12) 1,1-Dichloroethene	3.663	96	36103	18.36	ug/l #	67
13) Acrolein	3.535	56	31913	79.06	ug/l	94
14) Allyl chloride	4.232	41	112413	18.36	ug/l #	88
15) Acrylonitrile	4.884	53	160392	88.85	ug/l	99
16) Acetone	3.744	43	180875	97.79	ug/l #	85
17) Carbon Disulfide	3.969	76	113435	18.31	ug/l	99
18) Methyl Acetate	4.240	43	87636	18.97	ug/l #	85
19) Methyl tert-butyl Ether	4.943	73	164022	18.37	ug/l #	87
20) Methylene Chloride	4.457	84	48508	17.79	ug/l #	74
21) trans-1,2-Dichloroethene	4.940	96	43498	18.59	ug/l #	74
22) Diisopropyl ether	5.855	45	227267	18.61	ug/l #	92
23) Vinyl Acetate	5.796	43	964429	91.73	ug/l #	88
24) 1,1-Dichloroethane	5.747	63	102512	18.37	ug/l	96
25) 2-Butanone	6.745	43	264281	92.19	ug/l #	83
26) 2,2-Dichloropropane	6.729	77	84560	18.49	ug/l #	72
27) cis-1,2-Dichloroethene	6.737	96	51504	18.09	ug/l	75
28) Bromochloromethane	7.107	49	57328	17.89	ug/l #	63
29) Tetrahydrofuran	7.129	42	174610	87.71	ug/l #	79
30) Chloroform	7.287	83	90180	18.01	ug/l	96
31) Cyclohexane	7.571	56	96962	18.37	ug/l #	84
32) 1,1,1-Trichloroethane	7.485	97	76999	18.42	ug/l	94
36) 1,1-Dichloropropene	7.713	75	68478	18.20	ug/l	95
37) Ethyl Acetate	6.839	43	101288	17.65	ug/l #	95
38) Carbon Tetrachloride	7.692	117	61532	18.77	ug/l	98
39) Methylcyclohexane	9.011	83	75025	18.82	ug/l #	82
40) Benzene	7.963	78	207726	18.88	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	46149	16.73	ug/l #	100
42) 1,2-Dichloroethane	8.048	62	80862	18.06	ug/l	95
43) Isopropyl Acetate	8.091	43	172867	18.53	ug/l #	83
44) Trichloroethene	8.767	130	48334	18.54	ug/l	90
45) 1,2-Dichloropropane	9.051	63	63695	19.05	ug/l	96
46) Dibromomethane	9.143	93	33327	18.46	ug/l	92
47) Bromodichloromethane	9.336	83	72342	18.10	ug/l	99
48) Methyl methacrylate	9.135	41	80487	17.63	ug/l #	78
49) 1,4-Dioxane	9.140	88	13417	320.14	ug/l #	70
51) 4-Methyl-2-Pentanone	9.920	43	522454	92.29	ug/l	88
52) Toluene	10.092	92	117223	18.05	ug/l	98
53) t-1,3-Dichloropropene	10.320	75	84932	17.96	ug/l	98
54) cis-1,3-Dichloropropene	9.776	75	91294	18.01	ug/l #	83
55) 1,1,2-Trichloroethane	10.502	97	47383	18.71	ug/l	95
56) Ethyl methacrylate	10.371	69	78201	17.67	ug/l #	76
57) 1,3-Dichloropropane	10.647	76	89095	18.20	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.633	63	134076	85.53	ug/l #	87
59) 2-Hexanone	10.693	43	368695	91.10	ug/l	87
60) Dibromochloromethane	10.843	129	48659	18.21	ug/l	99
61) 1,2-Dibromoethane	10.945	107	46977	18.15	ug/l	99
64) Tetrachloroethene	10.569	164	47867	19.59	ug/l	99
65) Chlorobenzene	11.374	112	117078	18.76	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.452	131	44248	19.09	ug/l	98
67) Ethyl Benzene	11.452	91	221436	18.91	ug/l	95
68) m/p-Xylenes	11.565	106	157312	37.28	ug/l	94
69) o-Xylene	11.889	106	76742	18.89	ug/l	93
70) Styrene	11.908	104	125010	18.75	ug/l	95
71) Bromoform	12.069	173	32383	18.53	ug/l #	98
73) Isopropylbenzene	12.192	105	197662	19.18	ug/l	99
74) N-amyl acetate	12.015	43	104365	18.24	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.450	83	69856	18.94	ug/l	98
76) 1,2,3-Trichloropropane	12.498	75	73187m	18.46	ug/l	
77) Bromobenzene	12.468	156	45396	18.99	ug/l	69
78) n-propylbenzene	12.535	91	235869	19.25	ug/l	96
79) 2-Chlorotoluene	12.616	91	144996	19.56	ug/l	93
80) 1,3,5-Trimethylbenzene	12.678	105	168925	19.39	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.243	75	22798	17.95	ug/l	88
82) 4-Chlorotoluene	12.718	91	142426	18.80	ug/l	93
83) tert-Butylbenzene	12.938	119	136168	18.47	ug/l	95
84) 1,2,4-Trimethylbenzene	12.983	105	167225	19.52	ug/l	100
85) sec-Butylbenzene	13.115	105	185732	19.12	ug/l	99
86) p-Isopropyltoluene	13.233	119	166117	19.24	ug/l	97
87) 1,3-Dichlorobenzene	13.227	146	82267	18.91	ug/l	97
88) 1,4-Dichlorobenzene	13.305	146	82294	18.75	ug/l	95
89) n-Butylbenzene	13.557	91	147579	18.56	ug/l	98
90) Hexachloroethane	13.817	117	23402	17.51	ug/l	94
91) 1,2-Dichlorobenzene	13.595	146	80735	18.68	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.212	75	16936	18.07	ug/l	77
93) 1,2,4-Trichlorobenzene	14.850	180	51024	19.79	ug/l	99
94) Hexachlorobutadiene	14.949	225	22598	18.34	ug/l	95
95) Naphthalene	15.067	128	183414	22.47	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	49351	18.68	ug/l	98

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

