

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
 Data File : VN067689.D
 Acq On : 9 Jul 2021 16:39
 Operator : JC/MD
 Sample : VN0709WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:44:46 PM

Quant Time: Jul 10 05:24:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	344423	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	662879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	634957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	275879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	279085	53.616	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.240%			
35) Dibromofluoromethane	8.024	113	196741	49.124	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.240%			
50) Toluene-d8	10.443	98	836501	49.899	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.800%			
62) 4-Bromofluorobenzene	12.733	95	288414	48.703	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	56755	19.387	ug/l	99
3) Chloromethane	2.303	50	85581	18.457	ug/l	97
4) Vinyl Chloride	2.443	62	137940	19.712	ug/l	97
5) Bromomethane	2.850	94	116567	21.722	ug/l	100
6) Chloroethane	3.017	64	108008	20.486	ug/l	99
7) Trichlorofluoromethane	3.371	101	257616	22.365	ug/l	100
8) Diethyl Ether	3.819	74	47093	16.905	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.205	101	65700	20.583	ug/l	95
10) Methyl Iodide	4.417	142	75255	19.791	ug/l	92
11) Tert butyl alcohol	5.390	59	71958	96.201	ug/l	# 86
12) 1,1-Dichloroethene	4.175	96	62167	20.299	ug/l	87
13) Acrolein	4.041	56	47811	129.108	ug/l	100
14) Allyl chloride	4.835	41	108037	19.191	ug/l	92
15) Acrylonitrile	5.559	53	192221	103.609	ug/l	99
16) Acetone	4.291	43	164152	100.222	ug/l	94
17) Carbon Disulfide	4.521	76	159240	18.771	ug/l	100
18) Methyl Acetate	4.859	43	91712	19.935	ug/l	96
19) Methyl tert-butyl Ether	5.618	73	253673	19.989	ug/l	100
20) Methylene Chloride	5.095	84	82381	21.144	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	72384	19.991	ug/l	90
22) Diisopropyl ether	6.503	45	256405	20.071	ug/l	99
23) Vinyl Acetate	6.436	43	1092348	100.017	ug/l	96
24) 1,1-Dichloroethane	6.388	63	145190	20.387	ug/l	97
25) 2-Butanone	7.343	43	273822	100.678	ug/l	96
26) 2,2-Dichloropropane	7.327	77	112521	18.080	ug/l	82
27) cis-1,2-Dichloroethene	7.327	96	88281	19.483	ug/l	88
28) Bromochloromethane	7.659	49	68923	19.833	ug/l	84
29) Tetrahydrofuran	7.691	42	180049	100.666	ug/l	93
30) Chloroform	7.820	83	159616	19.954	ug/l	99
31) Cyclohexane	8.096	56	133881	18.343	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	140557	20.264	ug/l	98
36) 1,1-Dichloropropene	8.222	75	113199	18.384	ug/l	97
37) Ethyl Acetate	7.415	43	112820	18.910	ug/l	98
38) Carbon Tetrachloride	8.206	117	114096	18.785	ug/l	97
39) Methylcyclohexane	9.461	83	122074	18.110	ug/l	93
40) Benzene	8.461	78	347658	18.862	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	60097	19.599	ug/l	97
42) 1,2-Dichloroethane	8.533	62	135887	19.853	ug/l	97
43) Isopropyl Acetate	8.566	43	202430	19.289	ug/l	97
44) Trichloroethene	9.217	130	87028	18.605	ug/l	91
45) 1,2-Dichloropropane	9.491	63	89837	19.251	ug/l	98
46) Dibromomethane	9.579	93	63691	19.235	ug/l	97
47) Bromodichloromethane	9.764	83	124921	19.298	ug/l	99
48) Methyl methacrylate	9.563	41	86490	18.633	ug/l	88
49) 1,4-Dioxane	9.571	88	30623	353.081	ug/l	89
51) 4-Methyl-2-Pentanone	10.336	43	639239	99.147	ug/l	98
52) Toluene	10.507	92	238031	19.715	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	127952	17.753	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	135372	18.805	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	88837	19.200	ug/l	99
56) Ethyl methacrylate	10.765	69	139818	19.614	ug/l	93
57) 1,3-Dichloropropane	11.046	76	152912	19.273	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	134914	83.157	ug/l	94
59) 2-Hexanone	11.089	43	442196	98.257	ug/l	96
60) Dibromochloromethane	11.242	129	86847	16.929	ug/l	100
61) 1,2-Dibromoethane	11.347	107	93201	19.730	ug/l	99
64) Tetrachloroethene	10.979	164	82997	18.518	ug/l	97
65) Chlorobenzene	11.773	112	248213	19.033	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	89614	19.536	ug/l	99
67) Ethyl Benzene	11.846	91	457346	19.264	ug/l	98
68) m/p-Xylenes	11.956	106	344045	38.316	ug/l	89
69) o-Xylene	12.283	106	168894	19.131	ug/l	89
70) Styrene	12.299	104	272842	19.320	ug/l	94
71) Bromoform	12.460	173	55337	15.912	ug/l #	99
73) Isopropylbenzene	12.583	105	434165	19.505	ug/l	98
74) N-amyl acetate	12.390	43	158616	19.642	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	132017	20.436	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	116818m	20.735	ug/l	
77) Bromobenzene	12.862	156	94189	19.119	ug/l	82
78) n-propylbenzene	12.924	91	496157	19.708	ug/l	97
79) 2-Chlorotoluene	13.010	91	304476	20.018	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	364075	20.186	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	30761	17.603	ug/l	96
82) 4-Chlorotoluene	13.106	91	299923	19.927	ug/l	94
83) tert-Butylbenzene	13.326	119	304444	19.793	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	356901	20.195	ug/l	93
85) sec-Butylbenzene	13.503	105	422706	19.857	ug/l	98
86) p-Isopropyltoluene	13.618	119	338799	19.723	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	177083	19.376	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	175845	18.792	ug/l	96
89) n-Butylbenzene	13.946	91	278115	18.876	ug/l	98
90) Hexachloroethane	14.214	117	57082	20.008	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	174762	19.809	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.605	75	22534	20.084	ug/l	76
93) 1,2,4-Trichlorobenzene	15.265	180	67348	16.545	ug/l	99
94) Hexachlorobutadiene	15.372	225	33614	18.133	ug/l	98
95) Naphthalene	15.509	128	182936	15.740	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	63879	16.370	ug/l	100

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

