

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090221\
 Data File : VN068396.D
 Acq On : 2 Sep 2021 19:51
 Operator : JC/MD
 Sample : M3606-04MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPU-2MSD

Manual Integrations
 APPROVED

MMDadoda
 9/3/2021 5:23:58 PM

Quant Time: Sep 03 01:26:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 02 14:59:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	726024	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	1006972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	940435	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	485051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	318643	42.999	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.000%		
35) Dibromofluoromethane	8.027	113	311604	48.807	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.620%		
50) Toluene-d8	10.446	98	1156010	48.369	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.740%		
62) 4-Bromofluorobenzene	12.733	95	379677	48.408	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.820%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	278809	46.146	ug/l	100
3) Chloromethane	2.306	50	263521	41.619	ug/l	98
4) Vinyl Chloride	2.448	62	392190	40.623	ug/l	97
5) Bromomethane	2.824	94	383131	47.697	ug/l	98
6) Chloroethane	3.003	64	280308	40.504	ug/l	98
7) Trichlorofluoromethane	3.371	101	485793	25.322	ug/l	99
8) Diethyl Ether	3.829	74	159717	28.903	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.216	101	276596	45.682	ug/l #	82
10) Methyl Iodide	4.430	142	447283	57.895	ug/l #	87
11) Tert butyl alcohol	5.371	59	223188	230.325	ug/l	99
12) 1,1-Dichloroethene	4.189	96	263263	46.504	ug/l #	74
13) Acrolein	4.044	56	144355	229.368	ug/l	99
14) Allyl chloride	4.848	41	344514	48.378	ug/l #	93
15) Acrylonitrile	5.556	53	606959	229.093	ug/l	98
16) Acetone	4.288	43	464892	235.755	ug/l #	87
17) Carbon Disulfide	4.537	76	671400	43.984	ug/l	100
18) Methyl Acetate	4.856	43	277505	50.119	ug/l #	85
19) Methyl tert-butyl Ether	5.618	73	908568	49.656	ug/l	95
20) Methylene Chloride	5.103	84	295288	48.098	ug/l #	82
21) trans-1,2-Dichloroethene	5.602	96	295786	46.690	ug/l #	79
22) Diisopropyl ether	6.498	45	766607	49.271	ug/l #	93
23) Vinyl Acetate	6.436	43	2792681	232.751	ug/l #	88
24) 1,1-Dichloroethane	6.393	63	483592	46.634	ug/l	96
25) 2-Butanone	7.337	43	771094	226.997	ug/l #	83
26) 2,2-Dichloropropane	7.329	77	409694	42.426	ug/l	89
27) cis-1,2-Dichloroethene	7.329	96	353984	47.710	ug/l	75
28) Bromochloromethane	7.659	49	187724	42.820	ug/l #	34
29) Tetrahydrofuran	7.686	42	511659	235.011	ug/l #	78
30) Chloroform	7.823	83	571428	45.911	ug/l	100
31) Cyclohexane	8.099	56	442458	45.309	ug/l #	81
32) 1,1,1-Trichloroethane	8.019	97	539916	47.023	ug/l	93
36) 1,1-Dichloropropene	8.225	75	410833	51.300	ug/l	90
37) Ethyl Acetate	7.412	43	313743	47.026	ug/l	94
38) Carbon Tetrachloride	8.212	117	495753	51.800	ug/l	98
39) Methylcyclohexane	9.464	83	522824	52.381	ug/l #	83
40) Benzene	8.464	78	1240155	50.132	ug/l	99

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41) Methacrylonitrile	7.640	41	149686	47.896	ug/l #	79
42) 1,2-Dichloroethane	8.533	62	418209	50.442	ug/l	92
43) Isopropyl Acetate	8.563	43	550766	51.028	ug/l #	88
44) Trichloroethene	9.220	130	386543	50.611	ug/l	75
45) 1,2-Dichloropropane	9.494	63	297856	51.869	ug/l	99
46) Dibromomethane	9.579	93	235386	50.314	ug/l #	73
47) Bromodichloromethane	9.765	83	451044	50.464	ug/l #	98
48) Methyl methacrylate	9.561	41	258864	54.818	ug/l #	85
49) 1,4-Dioxane	9.571	88	107919	969.574	ug/l #	79
51) 4-Methyl-2-Pentanone	10.333	43	1700229	252.070	ug/l	89
52) Toluene	10.507	92	852358	51.229	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	454202	51.133	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	482873	51.193	ug/l #	82
55) 1,1,2-Trichloroethane	10.899	97	335589	49.905	ug/l	93
56) Ethyl methacrylate	10.762	69	449719	46.564	ug/l #	80
57) 1,3-Dichloropropane	11.047	76	519149	51.305	ug/l	99
59) 2-Hexanone	11.087	43	1171626	249.513	ug/l	85
60) Dibromochloromethane	11.240	129	412516	53.269	ug/l	100
61) 1,2-Dibromoethane	11.347	107	358298	50.439	ug/l	99
64) Tetrachloroethene	10.979	164	397420	54.103	ug/l	88
65) Chlorobenzene	11.773	112	965035	51.095	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	393696	53.422	ug/l	97
67) Ethyl Benzene	11.846	91	1625860	52.651	ug/l	92
68) m/p-Xylenes	11.956	106	1322521	106.312	ug/l	78
69) o-Xylene	12.283	106	649110	54.239	ug/l	79
70) Styrene	12.296	104	1035923	54.987	ug/l #	90
71) Bromoform	12.460	173	330849	46.828	ug/l #	99
73) Isopropylbenzene	12.581	105	1659117	47.660	ug/l	93
74) N-amyl acetate	12.387	43	392894	45.156	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.827	83	440505	42.259	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	348731m	42.303	ug/l	
77) Bromobenzene	12.862	156	465912	47.296	ug/l	51
78) n-propylbenzene	12.921	91	1793182	48.627	ug/l	88
79) 2-Chlorotoluene	13.010	91	1065471	46.707	ug/l	80
80) 1,3,5-Trimethylbenzene	13.061	105	1379777	48.778	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.626	75	110530	44.300	ug/l #	84
82) 4-Chlorotoluene	13.106	91	1045462	47.458	ug/l	83
83) tert-Butylbenzene	13.326	119	1264969	48.823	ug/l	81
84) 1,2,4-Trimethylbenzene	13.372	105	1373468	49.638	ug/l	88
85) sec-Butylbenzene	13.503	105	1698184	49.831	ug/l	90
86) p-Isopropyltoluene	13.618	119	1471505	52.218	ug/l	89
87) 1,3-Dichlorobenzene	13.616	146	819668	48.843	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	798568	47.816	ug/l	92
89) n-Butylbenzene	13.946	91	1067891	50.272	ug/l	95
90) Hexachloroethane	14.214	117	252216	46.453	ug/l	63
91) 1,2-Dichlorobenzene	13.989	146	790813	49.644	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	78602	48.560	ug/l #	28
93) 1,2,4-Trichlorobenzene	15.265	180	428689	49.527	ug/l	97
94) Hexachlorobutadiene	15.373	225	243749	52.722	ug/l	98
95) Naphthalene	15.507	128	962199	48.290	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	411814	50.052	ug/l	97

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

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