

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090221\
 Data File : VN068395.D
 Acq On : 2 Sep 2021 19:29
 Operator : JC/MD
 Sample : M3606-03MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPU-2MS

Manual Integrations
 APPROVED

MMDadoda
 9/3/2021 5:23:57 PM

Quant Time: Sep 03 01:26:07 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	8.091	168	666019	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	953063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	894726	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	464358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	317360	46.684	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.360%		
35) Dibromofluoromethane	8.026	113	300820	49.783	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.560%		
50) Toluene-d8	10.443	98	1126428	49.797	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.600%		
62) 4-Bromofluorobenzene	12.733	95	364312	49.076	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.078	85	258057	46.560	ug/l	100
3) Chloromethane	2.306	50	250263	43.086	ug/l	97
4) Vinyl Chloride	2.448	62	397219	44.851	ug/l	97
5) Bromomethane	2.834	94	346733	47.003	ug/l	97
6) Chloroethane	3.011	64	289666	45.628	ug/l	97
7) Trichlorofluoromethane	3.373	101	483479	27.472	ug/l	98
8) Diethyl Ether	3.832	74	156226	30.818	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.218	101	269933	48.598	ug/l #	84
10) Methyl Iodide	4.430	142	425067	59.977	ug/l #	88
11) Tert butyl alcohol	5.369	59	219002	246.367	ug/l	99
12) 1,1-Dichloroethene	4.189	96	258114	49.702	ug/l #	77
13) Acrolein	4.046	56	140472	243.307	ug/l	100
14) Allyl chloride	4.848	41	341875	52.332	ug/l #	93
15) Acrylonitrile	5.556	53	602639	247.956	ug/l	99
16) Acetone	4.290	43	462969	257.183	ug/l #	86
17) Carbon Disulfide	4.537	76	657014	46.920	ug/l	99
18) Methyl Acetate	4.859	43	283559	56.085	ug/l #	87
19) Methyl tert-butyl Ether	5.623	73	900985	53.678	ug/l	96
20) Methylene Chloride	5.103	84	286315	50.958	ug/l #	83
21) trans-1,2-Dichloroethene	5.602	96	290631	50.009	ug/l #	80
22) Diisopropyl ether	6.500	45	777091	54.444	ug/l #	91
23) Vinyl Acetate	6.436	43	2846531	258.613	ug/l #	90
24) 1,1-Dichloroethane	6.390	63	491375	51.653	ug/l	97
25) 2-Butanone	7.337	43	770649	247.306	ug/l #	83
26) 2,2-Dichloropropane	7.329	77	418691	47.264	ug/l	90
27) cis-1,2-Dichloroethene	7.329	96	349185	51.303	ug/l	77
28) Bromochloromethane	7.662	49	192858	47.955	ug/l #	41
29) Tetrahydrofuran	7.686	42	520880	260.801	ug/l #	79
30) Chloroform	7.823	83	576159	50.462	ug/l	99
31) Cyclohexane	8.099	56	445343	49.713	ug/l #	83
32) 1,1,1-Trichloroethane	8.018	97	543098	51.562	ug/l	93
36) 1,1-Dichloropropene	8.225	75	409964	54.087	ug/l	91
37) Ethyl Acetate	7.415	43	318523	50.443	ug/l	96
38) Carbon Tetrachloride	8.212	117	500397	55.242	ug/l	98
39) Methylcyclohexane	9.461	83	518914	54.930	ug/l #	85
40) Benzene	8.464	78	1239161	52.925	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	160520	54.268	ug/l #	86
42) 1,2-Dichloroethane	8.533	62	422203	53.804	ug/l	92
43) Isopropyl Acetate	8.563	43	554675	54.297	ug/l #	88
44) Trichloroethene	9.220	130	380897	52.693	ug/l	76
45) 1,2-Dichloropropane	9.491	63	295686	54.404	ug/l	97
46) Dibromomethane	9.579	93	235624	53.214	ug/l #	77
47) Bromodichloromethane	9.764	83	447378	52.885	ug/l #	97
48) Methyl methacrylate	9.561	41	254154	56.865	ug/l #	85
49) 1,4-Dioxane	9.569	88	104849	995.275	ug/l #	80
51) 4-Methyl-2-Pentanone	10.333	43	1701792	266.572	ug/l	89
52) Toluene	10.507	92	841753	53.453	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	442729	52.661	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	479043	53.660	ug/l #	83
55) 1,1,2-Trichloroethane	10.902	97	330078	51.862	ug/l	94
56) Ethyl methacrylate	10.762	69	443125	48.409	ug/l #	80
57) 1,3-Dichloropropane	11.046	76	510661	53.321	ug/l	99
59) 2-Hexanone	11.087	43	1150555	258.885	ug/l	85
60) Dibromochloromethane	11.239	129	409254	55.837	ug/l	100
61) 1,2-Dibromoethane	11.347	107	350386	52.115	ug/l	98
64) Tetrachloroethene	10.979	164	393108	56.250	ug/l	88
65) Chlorobenzene	11.773	112	946239	52.659	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	385787	55.023	ug/l	99
67) Ethyl Benzene	11.846	91	1587074	54.020	ug/l	92
68) m/p-Xylenes	11.956	106	1308703	110.576	ug/l	78
69) o-Xylene	12.283	106	637473	55.988	ug/l	78
70) Styrene	12.296	104	1012975	56.516	ug/l #	90
71) Bromoform	12.460	173	318661	47.384	ug/l #	98
73) Isopropylbenzene	12.580	105	1636000	49.090	ug/l	93
74) N-amyl acetate	12.390	43	385172	46.241	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.830	83	435793	43.670	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	339686m	43.042	ug/l	
77) Bromobenzene	12.862	156	451639	47.891	ug/l	51
78) n-propylbenzene	12.921	91	1763766	49.961	ug/l	89
79) 2-Chlorotoluene	13.010	91	1044138	47.811	ug/l	81
80) 1,3,5-Trimethylbenzene	13.061	105	1364270	50.379	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.626	75	108276	45.331	ug/l	85
82) 4-Chlorotoluene	13.106	91	1020244	48.377	ug/l	82
83) tert-Butylbenzene	13.326	119	1240104	49.996	ug/l	81
84) 1,2,4-Trimethylbenzene	13.369	105	1337480	50.492	ug/l	88
85) sec-Butylbenzene	13.503	105	1665647	51.055	ug/l	91
86) p-Isopropyltoluene	13.618	119	1428505	52.951	ug/l	89
87) 1,3-Dichlorobenzene	13.616	146	795958	49.544	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	770027	48.162	ug/l	91
89) n-Butylbenzene	13.946	91	1020453	50.179	ug/l	95
90) Hexachloroethane	14.214	117	246319	47.389	ug/l	65
91) 1,2-Dichlorobenzene	13.991	146	764950	50.160	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	76438	49.328	ug/l #	29
93) 1,2,4-Trichlorobenzene	15.265	180	392329	47.443	ug/l	97
94) Hexachlorobutadiene	15.372	225	232341	52.494	ug/l	100
95) Naphthalene	15.507	128	834312	43.959	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	372217	47.367	ug/l	97

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

