

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092421\
 Data File : VN068658.D
 Acq On : 24 Sep 2021 23:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/25/2021 10:24:02 AM

Quant Time: Sep 25 01:54:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	436568	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	707431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	721346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	320464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	313849	45.973	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.940%		
35) Dibromofluoromethane	8.024	113	234377	49.482	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.960%		
50) Toluene-d8	10.443	98	932504	46.478	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.960%		
62) 4-Bromofluorobenzene	12.731	95	363649	52.997	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	231217	49.541	ug/l	100
3) Chloromethane	2.301	50	280501	36.441	ug/l	100
4) Vinyl Chloride	2.443	62	335272	44.854	ug/l	97
5) Bromomethane	2.840	94	218011	76.136	ug/l	99
6) Chloroethane	3.011	64	244849	63.772	ug/l	97
7) Trichlorofluoromethane	3.371	101	396890	45.634	ug/l	100
8) Diethyl Ether	3.827	74	144375	47.254	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	218470	46.996	ug/l	90
10) Methyl Iodide	4.425	142	259657	46.467	ug/l	90
11) Tert butyl alcohol	5.364	59	222757	212.342	ug/l	99
12) 1,1-Dichloroethene	4.183	96	203322	46.044	ug/l	90
13) Acrolein	4.041	56	78746	239.494	ug/l	96
14) Allyl chloride	4.843	41	396456	43.255	ug/l	97
15) Acrylonitrile	5.554	53	660410	233.559	ug/l	99
16) Acetone	4.285	43	554984	223.295	ug/l	95
17) Carbon Disulfide	4.532	76	560263	42.793	ug/l	99
18) Methyl Acetate	4.854	43	442277	44.120	ug/l	100
19) Methyl tert-butyl Ether	5.618	73	796231	48.058	ug/l	100
20) Methylene Chloride	5.101	84	248824	48.106	ug/l	96
21) trans-1,2-Dichloroethene	5.602	96	222623	46.358	ug/l	95
22) Diisopropyl ether	6.498	45	867970	45.965	ug/l	98
23) Vinyl Acetate	6.434	43	3481787	234.234	ug/l	99
24) 1,1-Dichloroethane	6.388	63	455788	46.558	ug/l	99
25) 2-Butanone	7.332	43	930203	223.882	ug/l	99
26) 2,2-Dichloropropane	7.329	77	320186	38.331	ug/l	94
27) cis-1,2-Dichloroethene	7.329	96	271152	47.922	ug/l	89
28) Bromochloromethane	7.659	49	80549	18.465	ug/l	90
29) Tetrahydrofuran	7.683	42	606559	229.673	ug/l	99
30) Chloroform	7.820	83	469402	47.286	ug/l	100
31) Cyclohexane	8.094	56	420089	43.929	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	424585	48.859	ug/l	99
36) 1,1-Dichloropropene	8.225	75	350694	49.083	ug/l	98
37) Ethyl Acetate	7.413	43	387571	47.780	ug/l	99
38) Carbon Tetrachloride	8.206	117	380852	51.609	ug/l	97
39) Methylcyclohexane	9.462	83	406455	48.563	ug/l	95
40) Benzene	8.461	78	1023604	48.818	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	192827	44.945	ug/l	99
42) 1,2-Dichloroethane	8.534	62	393202	48.191	ug/l	98
43) Isopropyl Acetate	8.560	43	701406	50.548	ug/l	98
44) Trichloroethene	9.217	130	256208	50.699	ug/l	86
45) 1,2-Dichloropropane	9.494	63	274841	49.784	ug/l	100
46) Dibromomethane	9.585	93	209529	57.405	ug/l	91
47) Bromodichloromethane	9.762	83	473610	62.572	ug/l	98
48) Methyl methacrylate	9.561	41	293931	46.377	ug/l	93
49) 1,4-Dioxane	9.569	88	94008	1016.861	ug/l	94
51) 4-Methyl-2-Pentanone	10.333	43	2146324	255.768	ug/l	100
52) Toluene	10.508	92	679673	51.149	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	451330	54.050	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	438045	50.214	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	280888	54.528	ug/l	98
56) Ethyl methacrylate	10.762	69	477043	51.753	ug/l	99
57) 1,3-Dichloropropane	11.044	76	543527	60.437	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	576906	235.368	ug/l	97
59) 2-Hexanone	11.087	43	1692269	280.431	ug/l	99
60) Dibromochloromethane	11.242	129	316623	56.876	ug/l	98
61) 1,2-Dibromoethane	11.347	107	302891	57.485	ug/l	100
64) Tetrachloroethene	10.980	164	238524	50.356	ug/l	94
65) Chlorobenzene	11.771	112	801026	52.564	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	301307	54.159	ug/l	98
67) Ethyl Benzene	11.846	91	1417843	51.068	ug/l	97
68) m/p-Xylenes	11.953	106	1064112	104.421	ug/l	89
69) o-Xylene	12.283	106	520411	51.982	ug/l	88
70) Styrene	12.296	104	857487	53.251	ug/l	95
71) Bromoform	12.460	173	220503	52.540	ug/l #	99
73) Isopropylbenzene	12.578	105	1609534	56.014	ug/l	97
74) N-amyl acetate	12.390	43	623285	50.821	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	429824	47.735	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	324590m	40.964	ug/l	
77) Bromobenzene	12.862	156	305062	46.307	ug/l	81
78) n-propylbenzene	12.921	91	2267917	69.505	ug/l	96
79) 2-Chlorotoluene	13.010	91	1432843	72.681	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	1681663	74.523	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.626	75	127321	45.389	ug/l	99
82) 4-Chlorotoluene	13.106	91	1380344	72.051	ug/l	94
83) tert-Butylbenzene	13.326	119	1452457	70.864	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	1631778	74.175	ug/l	94
85) sec-Butylbenzene	13.503	105	1961900	70.358	ug/l	95
86) p-Isopropyltoluene	13.616	119	1428033	63.957	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	688089	61.554	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	541681	47.714	ug/l	96
89) n-Butylbenzene	13.943	91	944417	48.752	ug/l	99
90) Hexachloroethane	14.211	117	233676	53.053	ug/l	96
91) 1,2-Dichlorobenzene	13.989	146	539284	49.741	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	80424	48.197	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	254041	47.238	ug/l	98
94) Hexachlorobutadiene	15.373	225	130845	45.273	ug/l	98
95) Naphthalene	15.507	128	783632	50.758	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	251213	47.809	ug/l	98

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

