

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
 Data File : VN067696.D
 Acq On : 9 Jul 2021 19:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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Quant Time: Jul 10 05:27:03 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	692637	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1140390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1039036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	489553	50.000	ug/l	0.00

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System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	407078	38.888	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	77.780%
35) Dibromofluoromethane	8.021	113	337797	49.027	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.060%
50) Toluene-d8	10.443	98	1327213	46.020	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.040%
62) 4-Bromofluorobenzene	12.734	95	459776	45.130	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.260%

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Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.070	85	315291	53.555	ug/l	99
3) Chloromethane	2.301	50	379511	40.700	ug/l	98
4) Vinyl Chloride	2.443	62	503628	35.787	ug/l	98
5) Bromomethane	2.834	94	349574	35.068	ug/l	97
6) Chloroethane	3.009	64	347692	34.532	ug/l	99
7) Trichlorofluoromethane	3.368	101	843946	38.685	ug/l	100
8) Diethyl Ether	3.819	74	230660	41.174	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.200	101	342098	53.293	ug/l	88
10) Methyl Iodide	4.417	142	472109	61.739	ug/l	# 87
11) Tert butyl alcohol	5.388	59	312483	207.736	ug/l	# 86
12) 1,1-Dichloroethene	4.173	96	330151	53.607	ug/l	82
13) Acrolein	4.039	56	194578	265.603	ug/l	99
14) Allyl chloride	4.835	41	514101	45.411	ug/l	# 95
15) Acrylonitrile	5.557	53	877764	235.266	ug/l	99
16) Acetone	4.288	43	715230	217.144	ug/l	91
17) Carbon Disulfide	4.521	76	827772	48.522	ug/l	99
18) Methyl Acetate	4.857	43	410231	44.342	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	1217424	47.702	ug/l	99
20) Methylene Chloride	5.090	84	386314	50.244	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	359445	49.364	ug/l	85
22) Diisopropyl ether	6.498	45	1153065	44.884	ug/l	96
23) Vinyl Acetate	6.436	43	4843975	220.547	ug/l	# 93
24) 1,1-Dichloroethane	6.388	63	636190	44.422	ug/l	97
25) 2-Butanone	7.340	43	1189085	217.403	ug/l	90
26) 2,2-Dichloropropane	7.327	77	472307	37.737	ug/l	90
27) cis-1,2-Dichloroethene	7.327	96	418846	45.965	ug/l	82
28) Bromochloromethane	7.657	49	265716	38.022	ug/l	# 67
29) Tetrahydrofuran	7.689	42	745155	207.170	ug/l	89
30) Chloroform	7.818	83	687022	42.707	ug/l	99
31) Cyclohexane	8.094	56	583769	39.773	ug/l	92
32) 1,1,1-Trichloroethane	8.013	97	616682	44.210	ug/l	96
36) 1,1-Dichloropropene	8.223	75	508457	47.999	ug/l	94
37) Ethyl Acetate	7.415	43	480259	46.791	ug/l	97
38) Carbon Tetrachloride	8.206	117	531743	50.889	ug/l	98
39) Methylcyclohexane	9.459	83	577988	49.841	ug/l	91
40) Benzene	8.461	78	1808002	57.019	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	233906	44.341	ug/l #	91
42) 1,2-Dichloroethane	8.531	62	531935	45.173	ug/l	94
43) Isopropyl Acetate	8.563	43	828384	45.882	ug/l #	94
44) Trichloroethene	9.218	130	420599	52.266	ug/l	82
45) 1,2-Dichloropropane	9.494	63	384738	47.924	ug/l	98
46) Dibromomethane	9.580	93	275850	48.425	ug/l #	87
47) Bromodichloromethane	9.765	83	530232	47.613	ug/l	96
48) Methyl methacrylate	9.561	41	363593	45.532	ug/l	88
49) 1,4-Dioxane	9.572	88	128451	814.670	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	2521008	227.285	ug/l	94
52) Toluene	10.508	92	2722979	131.096	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	568108	43.061	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	613471	49.535	ug/l	89
55) 1,1,2-Trichloroethane	10.902	97	394722	49.588	ug/l	96
56) Ethyl methacrylate	10.765	69	618960	50.473	ug/l	88
57) 1,3-Dichloropropane	11.047	76	638503	46.779	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	698822	216.162	ug/l #	89
59) 2-Hexanone	11.090	43	1767308	228.267	ug/l	92
60) Dibromochloromethane	11.242	129	421380	43.456	ug/l	99
61) 1,2-Dibromoethane	11.350	107	410666	50.533	ug/l	100
64) Tetrachloroethene	10.980	164	405844	55.334	ug/l	93
65) Chlorobenzene	11.773	112	1089837	51.070	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	411562	54.828	ug/l	99
67) Ethyl Benzene	11.849	91	2336346	60.139	ug/l	96
68) m/p-Xylenes	11.956	106	2004564	136.425	ug/l	85
69) o-Xylene	12.283	106	910216	63.007	ug/l	86
70) Styrene	12.296	104	1252867	54.215	ug/l	93
71) Bromoform	12.460	173	300003	45.370	ug/l #	100
73) Isopropylbenzene	12.581	105	1908683	48.322	ug/l	96
74) N-amyl acetate	12.390	43	742475	51.813	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.830	83	537720	46.907	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	459350m	45.946	ug/l	
77) Bromobenzene	12.862	156	460846	52.715	ug/l	69
78) n-propylbenzene	12.924	91	2202542	49.302	ug/l	94
79) 2-Chlorotoluene	13.010	91	1313255	48.657	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	1611042	50.337	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.629	75	150956	48.682	ug/l	93
82) 4-Chlorotoluene	13.109	91	1275833	47.770	ug/l	91
83) tert-Butylbenzene	13.326	119	1358437	49.769	ug/l	86
84) 1,2,4-Trimethylbenzene	13.372	105	1994729	63.607	ug/l	97
85) sec-Butylbenzene	13.503	105	1813338	48.005	ug/l	95
86) p-Isopropyltoluene	13.619	119	1529621	50.180	ug/l	92
87) 1,3-Dichlorobenzene	13.619	146	822420	50.710	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	813110	48.969	ug/l	95
89) n-Butylbenzene	13.946	91	1246625	47.679	ug/l	97
90) Hexachloroethane	14.214	117	258781	51.115	ug/l	87
91) 1,2-Dichlorobenzene	13.991	146	801207	51.179	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	95544	47.987	ug/l #	55
93) 1,2,4-Trichlorobenzene	15.265	180	399143	49.000	ug/l	98
94) Hexachlorobutadiene	15.373	225	196803	59.826	ug/l	98
95) Naphthalene	15.509	128	1604083	65.903	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	387545	49.599	ug/l	98

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

