

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072621\
 Data File : VN067895.D
 Acq On : 26 Jul 2021 9:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/27/2021 3:55:59 PM

Quant Time: Jul 26 10:10:08 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	8.086	168	400635	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	704419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	685306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	344657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	277026	45.753	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.500%		
35) Dibromofluoromethane	8.021	113	209690	49.270	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.540%		
50) Toluene-d8	10.443	98	855967	48.050	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.100%		
62) 4-Bromofluorobenzene	12.733	95	319003	50.692	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	178171	52.322	ug/l	98
3) Chloromethane	2.301	50	220904	40.957	ug/l	99
4) Vinyl Chloride	2.443	62	354606	43.563	ug/l	97
5) Bromomethane	2.821	94	292178	53.096	ug/l	100
6) Chloroethane	3.001	64	270122	48.905	ug/l	98
7) Trichlorofluoromethane	3.363	101	651088	52.791	ug/l	99
8) Diethyl Ether	3.821	74	134006	41.355	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.199	101	205564	55.364	ug/l	96
10) Methyl Iodide	4.414	142	241922	54.695	ug/l	92
11) Tert butyl alcohol	5.390	59	206131	236.911	ug/l	# 86
12) 1,1-Dichloroethene	4.170	96	183507	51.513	ug/l	87
13) Acrolein	4.039	56	126470	298.981	ug/l	98
14) Allyl chloride	4.832	41	323739	49.438	ug/l	96
15) Acrylonitrile	5.554	53	586621	271.829	ug/l	99
16) Acetone	4.285	43	540448	283.669	ug/l	93
17) Carbon Disulfide	4.516	76	461087	46.727	ug/l	99
18) Methyl Acetate	4.857	43	289816	54.158	ug/l	94
19) Methyl tert-butyl Ether	5.616	73	777900	52.696	ug/l	100
20) Methylene Chloride	5.090	84	239171	53.828	ug/l	90
21) trans-1,2-Dichloroethene	5.589	96	212373	50.424	ug/l	90
22) Diisopropyl ether	6.498	45	772518	51.988	ug/l	97
23) Vinyl Acetate	6.434	43	3271979	257.553	ug/l	96
24) 1,1-Dichloroethane	6.383	63	416731	50.306	ug/l	98
25) 2-Butanone	7.337	43	835609	264.127	ug/l	95
26) 2,2-Dichloropropane	7.324	77	376676	52.031	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	266571	50.576	ug/l	87
28) Bromochloromethane	7.657	49	191123	47.281	ug/l	# 82
29) Tetrahydrofuran	7.686	42	522121	250.962	ug/l	91
30) Chloroform	7.817	83	467851	50.280	ug/l	98
31) Cyclohexane	8.096	56	364287	42.909	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	410463	50.873	ug/l	98
36) 1,1-Dichloropropene	8.222	75	330016	50.435	ug/l	96
37) Ethyl Acetate	7.415	43	326599	51.514	ug/l	98
38) Carbon Tetrachloride	8.206	117	347844	53.893	ug/l	98
39) Methylcyclohexane	9.461	83	362631	50.623	ug/l	92
40) Benzene	8.461	78	1007934	51.461	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	168087	51.585	ug/l	93
42) 1,2-Dichloroethane	8.531	62	379580	52.185	ug/l	97
43) Isopropyl Acetate	8.566	43	583024	52.278	ug/l	96
44) Trichloroethene	9.217	130	253102	50.918	ug/l	89
45) 1,2-Dichloropropane	9.491	63	260125	52.456	ug/l	100
46) Dibromomethane	9.579	93	190719	54.202	ug/l	95
47) Bromodichloromethane	9.765	83	377641	54.899	ug/l	100
48) Methyl methacrylate	9.563	41	252214	51.132	ug/l	87
49) 1,4-Dioxane	9.574	88	89695	916.755	ug/l	90
51) 4-Methyl-2-Pentanone	10.333	43	1887267	275.456	ug/l	95
52) Toluene	10.507	92	697356	54.353	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	415197	50.629	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	424852	55.537	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	274059	55.738	ug/l	97
56) Ethyl methacrylate	10.765	69	432868	57.144	ug/l	91
57) 1,3-Dichloropropane	11.047	76	449914	53.363	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	444920	222.278	ug/l	93
59) 2-Hexanone	11.087	43	1352392	282.785	ug/l	94
60) Dibromochloromethane	11.240	129	297644	49.355	ug/l	100
61) 1,2-Dibromoethane	11.350	107	284809	56.736	ug/l	99
64) Tetrachloroethene	10.979	164	238210	49.243	ug/l	97
65) Chlorobenzene	11.771	112	748428	53.174	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	288772	58.327	ug/l	98
67) Ethyl Benzene	11.848	91	1381508	53.916	ug/l	98
68) m/p-Xylenes	11.956	106	1076005	111.029	ug/l	86
69) o-Xylene	12.283	106	520701	54.648	ug/l	87
70) Styrene	12.296	104	893160	58.599	ug/l	92
71) Bromoform	12.460	173	215138	49.053	ug/l #	100
73) Isopropylbenzene	12.581	105	1363785	49.042	ug/l	96
74) N-amyl acetate	12.390	43	517301	51.276	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	414986	51.419	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	327264m	46.496	ug/l	
77) Bromobenzene	12.865	156	317296	51.553	ug/l	76
78) n-propylbenzene	12.924	91	1595042	50.714	ug/l	96
79) 2-Chlorotoluene	13.010	91	950802	50.037	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1165001	51.704	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	124855	57.192	ug/l	93
82) 4-Chlorotoluene	13.106	91	972558	51.724	ug/l	92
83) tert-Butylbenzene	13.326	119	965335	50.236	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	1151451	52.153	ug/l	92
85) sec-Butylbenzene	13.503	105	1380657	51.916	ug/l	96
86) p-Isopropyltoluene	13.619	119	1152964	53.725	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	608704	53.311	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	601373	51.443	ug/l	95
89) n-Butylbenzene	13.946	91	961528	52.236	ug/l	98
90) Hexachloroethane	14.211	117	195499	54.850	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	567366	51.478	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	69829	49.816	ug/l	70
93) 1,2,4-Trichlorobenzene	15.265	180	251825	44.189	ug/l	97
94) Hexachlorobutadiene	15.373	225	118148	51.015	ug/l	99
95) Naphthalene	15.509	128	716248	42.899	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	235528	43.176	ug/l	99

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

