

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072821\
 Data File : VN067954.D
 Acq On : 28 Jul 2021 16:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/29/2021 4:13:21 PM

Quant Time: Jul 29 02:52:07 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	378836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	680388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	655037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	329731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	276980	48.378	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.760%		
35) Dibromofluoromethane	8.021	113	217348	52.873	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.740%		
50) Toluene-d8	10.443	98	846426	49.192	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.380%		
62) 4-Bromofluorobenzene	12.731	95	313135	51.517	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	142810	44.351	ug/l	99
3) Chloromethane	2.301	50	186977	36.662	ug/l	99
4) Vinyl Chloride	2.443	62	308439	40.072	ug/l	97
5) Bromomethane	2.818	94	296458	57.372	ug/l	99
6) Chloroethane	3.001	64	262429	50.558	ug/l	96
7) Trichlorofluoromethane	3.363	101	647269	55.686	ug/l	99
8) Diethyl Ether	3.816	74	123181	40.202	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.194	101	193078	54.993	ug/l	96
10) Methyl Iodide	4.411	142	223767	53.502	ug/l	93
11) Tert butyl alcohol	5.385	59	174714	212.357	ug/l #	86
12) 1,1-Dichloroethene	4.170	96	172644	51.252	ug/l	86
13) Acrolein	4.039	56	92135	229.375	ug/l	99
14) Allyl chloride	4.830	41	297816	48.096	ug/l	94
15) Acrylonitrile	5.554	53	520888	255.258	ug/l	99
16) Acetone	4.288	43	425525	236.201	ug/l	93
17) Carbon Disulfide	4.519	76	412136	44.169	ug/l	99
18) Methyl Acetate	4.857	43	253959	50.188	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	721139	51.662	ug/l	99
20) Methylene Chloride	5.087	84	225839	53.752	ug/l	92
21) trans-1,2-Dichloroethene	5.589	96	205855	51.689	ug/l	89
22) Diisopropyl ether	6.498	45	734343	52.262	ug/l	97
23) Vinyl Acetate	6.431	43	3024853	251.802	ug/l #	95
24) 1,1-Dichloroethane	6.383	63	404731	51.669	ug/l	98
25) 2-Butanone	7.335	43	706223	236.075	ug/l	94
26) 2,2-Dichloropropane	7.321	77	363468	53.096	ug/l	93
27) cis-1,2-Dichloroethene	7.324	96	261435	52.456	ug/l	86
28) Bromochloromethane	7.657	49	179644	46.999	ug/l #	81
29) Tetrahydrofuran	7.686	42	465386	236.564	ug/l	92
30) Chloroform	7.817	83	457364	51.981	ug/l	99
31) Cyclohexane	8.094	56	346095	43.112	ug/l	92
32) 1,1,1-Trichloroethane	8.013	97	401702	52.652	ug/l	97
36) 1,1-Dichloropropene	8.220	75	321232	50.827	ug/l	96
37) Ethyl Acetate	7.412	43	293475	47.924	ug/l	98
38) Carbon Tetrachloride	8.204	117	335970	53.892	ug/l	98
39) Methylcyclohexane	9.459	83	355167	51.333	ug/l	90
40) Benzene	8.458	78	975597	51.569	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	157712	50.110	ug/l	95
42) 1,2-Dichloroethane	8.528	62	362257	51.563	ug/l	97
43) Isopropyl Acetate	8.563	43	527867	49.004	ug/l	94
44) Trichloroethene	9.215	130	250863	52.250	ug/l	86
45) 1,2-Dichloropropane	9.491	63	252710	52.760	ug/l	100
46) Dibromomethane	9.577	93	177277	52.161	ug/l	94
47) Bromodichloromethane	9.762	83	360780	54.300	ug/l	96
48) Methyl methacrylate	9.561	41	233778	49.069	ug/l	89
49) 1,4-Dioxane	9.571	88	81904	868.446	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	1647621	248.972	ug/l	95
52) Toluene	10.507	92	649648	52.423	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	392725	49.616	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	405258	54.846	ug/l	92
55) 1,1,2-Trichloroethane	10.899	97	258155	54.358	ug/l	98
56) Ethyl methacrylate	10.762	69	399257	54.568	ug/l	91
57) 1,3-Dichloropropane	11.047	76	431501	52.986	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	429926	222.366	ug/l	92
59) 2-Hexanone	11.087	43	1159455	251.005	ug/l	93
60) Dibromochloromethane	11.240	129	272846	46.961	ug/l	99
61) 1,2-Dibromoethane	11.347	107	262920	54.226	ug/l	99
64) Tetrachloroethene	10.977	164	241530	52.236	ug/l	95
65) Chlorobenzene	11.773	112	708649	52.674	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	273472	57.789	ug/l	99
67) Ethyl Benzene	11.846	91	1315068	53.695	ug/l	95
68) m/p-Xylenes	11.956	106	1012914	109.349	ug/l	86
69) o-Xylene	12.283	106	503100	55.241	ug/l	87
70) Styrene	12.296	104	850202	58.358	ug/l	92
71) Bromoform	12.460	173	187269	44.955	ug/l #	100
73) Isopropylbenzene	12.581	105	1317169	49.510	ug/l	97
74) N-amyl acetate	12.390	43	462466	47.916	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	375740	48.664	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	329579m	48.945	ug/l	
77) Bromobenzene	12.862	156	298532	50.700	ug/l	74
78) n-propylbenzene	12.924	91	1507624	50.104	ug/l	95
79) 2-Chlorotoluene	13.010	91	904005	49.728	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1093568	50.730	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	109657	52.504	ug/l	95
82) 4-Chlorotoluene	13.106	91	913208	50.766	ug/l	91
83) tert-Butylbenzene	13.326	119	933344	50.770	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	1086035	51.417	ug/l	92
85) sec-Butylbenzene	13.503	105	1315492	51.705	ug/l	95
86) p-Isopropyltoluene	13.619	119	1093791	53.275	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	581290	53.215	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	567075	50.705	ug/l	96
89) n-Butylbenzene	13.943	91	902030	51.222	ug/l	98
90) Hexachloroethane	14.211	117	186313	54.639	ug/l	96
91) 1,2-Dichlorobenzene	13.989	146	534006	50.644	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	63839	47.605	ug/l	72
93) 1,2,4-Trichlorobenzene	15.265	180	233078	42.838	ug/l	99
94) Hexachlorobutadiene	15.373	225	113463	51.210	ug/l	98
95) Naphthalene	15.509	128	625877	39.444	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	218809	42.003	ug/l	97

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

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