

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067474.D
 Acq On : 24 Jun 2021 11:08
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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MMDadoda
 6/25/2021 6:22:28 PM

Quant Time: Jun 24 11:59:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 11:57:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	278932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	602705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	548630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	208852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	274144	49.535	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.060%		
35) Dibromofluoromethane	8.024	113	176518	44.816	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.640%		
50) Toluene-d8	10.443	98	780457	50.399	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.800%		
62) 4-Bromofluorobenzene	12.733	95	269907	43.604	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	248084	59.408	ug/l	99
3) Chloromethane	2.301	50	268305	60.439	ug/l	99
4) Vinyl Chloride	2.443	62	242921	57.433	ug/l	99
5) Bromomethane	2.832	94	131040	68.284	ug/l	99
6) Chloroethane	3.006	64	153826	58.348	ug/l	98
7) Trichlorofluoromethane	3.368	101	366219	61.013	ug/l	99
8) Diethyl Ether	3.821	74	149844	61.529	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.199	101	200507	56.653	ug/l	95
10) Methyl Iodide	4.414	142	222931	67.631	ug/l	94
11) Tert butyl alcohol	5.388	59	224054	246.222	ug/l #	84
12) 1,1-Dichloroethene	4.173	96	200204	58.166	ug/l	99
13) Acrolein	4.039	56	200520	325.088	ug/l	99
14) Allyl chloride	4.835	41	421941	55.595	ug/l	95
15) Acrylonitrile	5.556	53	644265	312.082	ug/l	99
16) Acetone	4.291	43	528088	247.254	ug/l	91
17) Carbon Disulfide	4.521	76	643697	57.575	ug/l	98
18) Methyl Acetate	4.859	43	290824	55.302	ug/l	99
19) Methyl tert-butyl Ether	5.621	73	788560	57.744	ug/l	96
20) Methylene Chloride	5.093	84	250200	55.003	ug/l	99
21) trans-1,2-Dichloroethene	5.594	96	211515	55.862	ug/l	99
22) Diisopropyl ether	6.501	45	869133	61.149	ug/l	98
23) Vinyl Acetate	6.436	43	3728581	289.671	ug/l	100
24) 1,1-Dichloroethane	6.388	63	467795	58.974	ug/l	99
25) 2-Butanone	7.340	43	872590	282.752	ug/l	100
26) 2,2-Dichloropropane	7.324	77	399243	51.031	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	252633	56.449	ug/l	99
28) Bromochloromethane	7.656	49	215936	58.062	ug/l	91
29) Tetrahydrofuran	7.689	42	573679	293.878	ug/l	98
30) Chloroform	7.817	83	448310	54.607	ug/l	99
31) Cyclohexane	8.096	56	438543	56.344	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	379950	51.343	ug/l	99
36) 1,1-Dichloropropene	8.222	75	352974	51.965	ug/l	98
37) Ethyl Acetate	7.418	43	372822	51.862	ug/l	99
38) Carbon Tetrachloride	8.206	117	302353	42.971	ug/l	96
39) Methylcyclohexane	9.461	83	401764	55.641	ug/l	97
40) Benzene	8.461	78	1032335	54.138	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	180394	48.783	ug/l	94
42) 1,2-Dichloroethane	8.533	62	374177	47.669	ug/l	98
43) Isopropyl Acetate	8.563	43	641744	50.094	ug/l	97
44) Trichloroethene	9.217	130	204296	47.148	ug/l	95
45) 1,2-Dichloropropane	9.494	63	285742	55.799	ug/l	99
46) Dibromomethane	9.579	93	172145	50.474	ug/l	95
47) Bromodichloromethane	9.765	83	355413	46.944	ug/l	98
48) Methyl methacrylate	9.561	41	273568	47.166	ug/l	94
49) 1,4-Dioxane	9.571	88	79851	1002.746	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	1896368	256.448	ug/l	99
52) Toluene	10.507	92	621922	52.225	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	412293	48.996	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	450231	52.210	ug/l	93
55) 1,1,2-Trichloroethane	10.902	97	239028	51.813	ug/l	98
56) Ethyl methacrylate	10.765	69	428683	51.851	ug/l	95
57) 1,3-Dichloropropane	11.046	76	448033	52.972	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	487925	209.239	ug/l	96
59) 2-Hexanone	11.087	43	1350059	250.233	ug/l	97
60) Dibromochloromethane	11.242	129	220954	45.213	ug/l	98
61) 1,2-Dibromoethane	11.347	107	233547	48.922	ug/l	99
64) Tetrachloroethene	10.979	164	182778	47.657	ug/l	96
65) Chlorobenzene	11.771	112	596790	50.244	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	204315	46.886	ug/l	98
67) Ethyl Benzene	11.848	91	1215394	51.504	ug/l	97
68) m/p-Xylenes	11.956	106	813792	97.847	ug/l	97
69) o-Xylene	12.283	106	409819	50.193	ug/l	99
70) Styrene	12.296	104	679115	50.289	ug/l	98
71) Bromoform	12.460	173	139338	42.549	ug/l #	98
73) Isopropylbenzene	12.581	105	1097308	53.925	ug/l	98
74) N-amyl acetate	12.390	43	539957	54.420	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	348066	56.722	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	312838m	55.828	ug/l	
77) Bromobenzene	12.862	156	203898	49.946	ug/l	90
78) n-propylbenzene	12.921	91	1364398	55.983	ug/l	96
79) 2-Chlorotoluene	13.010	91	804113	53.427	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	908619	53.282	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	117267	52.637	ug/l	90
82) 4-Chlorotoluene	13.106	91	794050	53.170	ug/l	97
83) tert-Butylbenzene	13.326	119	702442	52.016	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	884015	52.539	ug/l	100
85) sec-Butylbenzene	13.503	105	1070031	55.253	ug/l	98
86) p-Isopropyltoluene	13.618	119	797540	51.650	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	365000	49.847	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	365147	49.561	ug/l	99
89) n-Butylbenzene	13.943	91	800043	54.583	ug/l	97
90) Hexachloroethane	14.211	117	156136	52.054	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	368178	52.608	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	65348	44.620	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	168650	47.225	ug/l	99
94) Hexachlorobutadiene	15.373	225	82278	40.730	ug/l	99
95) Naphthalene	15.507	128	543489	49.739	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	159251	46.455	ug/l	99

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

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