

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072921\
 Data File : VN067959.D
 Acq On : 29 Jul 2021 10:55
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 7:29:54 PM

Quant Time: Jul 29 14:36:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 14:33:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	399614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	717873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	692879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	343180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	282626	46.883	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.760%		
35) Dibromofluoromethane	8.024	113	213584	49.302	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.600%		
50) Toluene-d8	10.443	98	878430	48.839	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.680%		
62) 4-Bromofluorobenzene	12.734	95	314510	49.900	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	210836	59.643	ug/l	99
3) Chloromethane	2.301	50	254477	47.004	ug/l	98
4) Vinyl Chloride	2.443	62	407497	49.567	ug/l	98
5) Bromomethane	2.840	94	317340	46.722	ug/l	98
6) Chloroethane	3.011	64	306966	50.170	ug/l	96
7) Trichlorofluoromethane	3.368	101	712685	46.900	ug/l	100
8) Diethyl Ether	3.816	74	146283	46.850	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.202	101	206239	54.222	ug/l	96
10) Methyl Iodide	4.419	142	264840	58.362	ug/l	92
11) Tert butyl alcohol	5.390	59	197141	229.313	ug/l	100
12) 1,1-Dichloroethene	4.173	96	195408	53.757	ug/l	87
13) Acrolein	4.041	56	143695	288.778	ug/l	99
14) Allyl chloride	4.835	41	330292	50.285	ug/l	95
15) Acrylonitrile	5.557	53	564648	261.374	ug/l	99
16) Acetone	4.291	43	463735	241.108	ug/l	94
17) Carbon Disulfide	4.524	76	553739	54.993	ug/l	98
18) Methyl Acetate	4.857	43	248694	46.607	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	762995	51.703	ug/l	100
20) Methylene Chloride	5.093	84	242547	47.613	ug/l	89
21) trans-1,2-Dichloroethene	5.594	96	227971	53.656	ug/l	92
22) Diisopropyl ether	6.501	45	770550	52.102	ug/l	96
23) Vinyl Acetate	6.436	43	3272600	259.122	ug/l	96
24) 1,1-Dichloroethane	6.388	63	429043	51.621	ug/l	99
25) 2-Butanone	7.340	43	783109	249.114	ug/l	92
26) 2,2-Dichloropropane	7.324	77	378653	52.146	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	276267	52.387	ug/l	85
28) Bromochloromethane	7.657	49	201166	49.529	ug/l #	81
29) Tetrahydrofuran	7.689	42	524611	254.318	ug/l	93
30) Chloroform	7.820	83	476406	51.290	ug/l	100
31) Cyclohexane	8.096	56	399886	47.134	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	426575	52.973	ug/l	98
36) 1,1-Dichloropropene	8.222	75	353562	52.803	ug/l	96
37) Ethyl Acetate	7.418	43	334491	51.660	ug/l	98
38) Carbon Tetrachloride	8.204	117	365231	55.322	ug/l	99
39) Methylcyclohexane	9.462	83	396046	53.938	ug/l	91
40) Benzene	8.458	78	1055680	52.756	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	160138	48.835	ug/l	92
42) 1,2-Dichloroethane	8.531	62	378400	51.028	ug/l	96
43) Isopropyl Acetate	8.563	43	568665	50.328	ug/l	96
44) Trichloroethene	9.217	130	266317	52.368	ug/l	84
45) 1,2-Dichloropropane	9.491	63	262734	52.020	ug/l	99
46) Dibromomethane	9.580	93	189868	52.935	ug/l	94
47) Bromodichloromethane	9.762	83	377895	53.810	ug/l	98
48) Methyl methacrylate	9.563	41	246530	49.268	ug/l	91
49) 1,4-Dioxane	9.572	88	89456	1044.722	ug/l	91
51) 4-Methyl-2-Pentanone	10.333	43	1785211	257.381	ug/l	95
52) Toluene	10.508	92	713305	54.638	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	404573	56.460	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	426023	54.740	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	266585	53.551	ug/l	96
56) Ethyl methacrylate	10.765	69	414392	54.226	ug/l	91
57) 1,3-Dichloropropane	11.047	76	443844	51.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	392033	254.161	ug/l	93
59) 2-Hexanone	11.087	43	1266237	262.264	ug/l	93
60) Dibromochloromethane	11.240	129	284064	56.511	ug/l	99
61) 1,2-Dibromoethane	11.350	107	282311	55.446	ug/l	98
64) Tetrachloroethene	10.980	164	260310	52.629	ug/l	94
65) Chlorobenzene	11.773	112	736186	51.910	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	278149	55.785	ug/l	99
67) Ethyl Benzene	11.849	91	1381539	53.391	ug/l	96
68) m/p-Xylenes	11.956	106	1068537	109.331	ug/l	86
69) o-Xylene	12.283	106	519076	54.052	ug/l	87
70) Styrene	12.296	104	870405	56.762	ug/l	93
71) Bromoform	12.460	173	196631	59.386	ug/l #	99
73) Isopropylbenzene	12.581	105	1347282	48.440	ug/l	98
74) N-amyl acetate	12.390	43	483246	47.945	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	392407	48.618	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	313067m	44.467	ug/l	
77) Bromobenzene	12.862	156	309270	50.753	ug/l	74
78) n-propylbenzene	12.924	91	1549791	49.202	ug/l	96
79) 2-Chlorotoluene	13.010	91	928007	48.803	ug/l	89
80) 1,3,5-Trimethylbenzene	13.063	105	1150689	50.863	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	115982	52.958	ug/l	93
82) 4-Chlorotoluene	13.106	91	937051	49.716	ug/l	91
83) tert-Butylbenzene	13.326	119	952139	49.688	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	1138995	51.452	ug/l	94
85) sec-Butylbenzene	13.503	105	1327203	49.813	ug/l	96
86) p-Isopropyltoluene	13.619	119	1109663	51.677	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	589904	51.901	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	570010	49.148	ug/l	95
89) n-Butylbenzene	13.946	91	898639	48.892	ug/l	98
90) Hexachloroethane	14.214	117	188976	53.043	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	553530	50.745	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	66363	47.952	ug/l	71
93) 1,2,4-Trichlorobenzene	15.265	180	227207	49.486	ug/l	99
94) Hexachlorobutadiene	15.373	225	106870	47.521	ug/l	99
95) Naphthalene	15.509	128	648616	50.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	213047	48.176	ug/l	99

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

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