

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100621\
 Data File : VN068830.D
 Acq On : 6 Oct 2021 20:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 5:34:34 PM

Quant Time: Oct 07 06:03:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 14:41:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	436174	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	785903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	766464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	348253	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	303210	47.30	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.60%		
35) Dibromofluoromethane	8.021	113	234650	45.45	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.90%		
50) Toluene-d8	10.443	98	946485	47.01	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.02%		
62) 4-Bromofluorobenzene	12.733	95	328848	43.86	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.72%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	166571	46.36	ug/l	100
3) Chloromethane	2.301	50	177015	50.60	ug/l	99
4) Vinyl Chloride	2.443	62	357346	51.49	ug/l	99
5) Bromomethane	2.840	94	306894	44.41	ug/l	97
6) Chloroethane	3.009	64	310122	53.29	ug/l	97
7) Trichlorofluoromethane	3.371	101	310278	49.48	ug/l	100
8) Diethyl Ether	3.827	74	107177	46.77	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.215	101	173821	44.75	ug/l	94
10) Methyl Iodide	4.425	142	199469	43.53	ug/l	94
11) Tert butyl alcohol	5.363	59	184314	241.89	ug/l	99
12) 1,1-Dichloroethene	4.183	96	153022	48.99	ug/l	83
13) Acrolein	4.041	56	86906	210.18	ug/l	100
14) Allyl chloride	4.846	41	252886	45.06	ug/l	89
15) Acrylonitrile	5.554	53	481373	241.34	ug/l	99
16) Acetone	4.285	43	400673	226.28	ug/l	96
17) Carbon Disulfide	4.535	76	288962	45.40	ug/l	100
18) Methyl Acetate	4.854	43	307203	48.48	ug/l	93
19) Methyl tert-butyl Ether	5.615	73	680424	47.33	ug/l	97
20) Methylene Chloride	5.100	84	200906	48.51	ug/l	90
21) trans-1,2-Dichloroethene	5.599	96	172867	47.81	ug/l	86
22) Diisopropyl ether	6.498	45	655398	48.11	ug/l #	94
23) Vinyl Acetate	6.433	43	2595296m	243.97	ug/l	
24) 1,1-Dichloroethane	6.388	63	364788	46.18	ug/l	99
25) 2-Butanone	7.332	43	698121	238.59	ug/l	93
26) 2,2-Dichloropropane	7.329	77	320339	42.35	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	236937	46.35	ug/l	85
28) Bromochloromethane	7.659	49	200365	46.67	ug/l #	78
29) Tetrahydrofuran	7.683	42	454015	253.96	ug/l	90
30) Chloroform	7.820	83	447834	47.81	ug/l	100
31) Cyclohexane	8.096	56	279363	48.45	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	397432	47.67	ug/l	98
36) 1,1-Dichloropropene	8.222	75	274742	44.22	ug/l	94
37) Ethyl Acetate	7.410	43	284103	47.89	ug/l	99
38) Carbon Tetrachloride	8.206	117	343415	45.90	ug/l	99
39) Methylcyclohexane	9.461	83	305032	43.85	ug/l	88
40) Benzene	8.461	78	886473	45.67	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	141312	47.62	ug/l #	89
42) 1,2-Dichloroethane	8.533	62	348418	45.19	ug/l	96
43) Isopropyl Acetate	8.560	43	544235	50.48	ug/l	98
44) Trichloroethene	9.217	130	220999	43.98	ug/l	84
45) 1,2-Dichloropropane	9.491	63	232955	46.30	ug/l	96
46) Dibromomethane	9.579	93	178880	45.73	ug/l	95
47) Bromodichloromethane	9.764	83	370058	47.09	ug/l	99
48) Methyl methacrylate	9.561	41	224211	48.68	ug/l #	82
49) 1,4-Dioxane	9.569	88	94709	944.88	ug/l #	84
51) 4-Methyl-2-Pentanone	10.333	43	1681603	244.95	ug/l	97
52) Toluene	10.507	92	607085	46.50	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	383528	47.75	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	383333	46.39	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	258573	47.48	ug/l	97
56) Ethyl methacrylate	10.762	69	385332	50.38	ug/l	93
57) 1,3-Dichloropropane	11.046	76	412536	47.23	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	584097	277.64	ug/l	91
59) 2-Hexanone	11.087	43	1224555	247.33	ug/l	97
60) Dibromochloromethane	11.240	129	297365	48.70	ug/l	99
61) 1,2-Dibromoethane	11.347	107	263983	47.68	ug/l	100
64) Tetrachloroethene	10.979	164	197118	43.00	ug/l	96
65) Chlorobenzene	11.773	112	679617	45.65	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	274202	47.01	ug/l	99
67) Ethyl Benzene	11.846	91	1245140	46.69	ug/l	97
68) m/p-Xylenes	11.956	106	940089	92.71	ug/l	88
69) o-Xylene	12.283	106	480948	47.63	ug/l	86
70) Styrene	12.296	104	801094	47.64	ug/l	93
71) Bromoform	12.460	173	207973	48.54	ug/l #	100
73) Isopropylbenzene	12.581	105	1277851	46.45	ug/l	97
74) N-amyl acetate	12.390	43	458137	49.21	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	390856	47.15	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	321297m	46.80	ug/l	
77) Bromobenzene	12.862	156	288602	46.06	ug/l	73
78) n-propylbenzene	12.924	91	1450371	46.35	ug/l	96
79) 2-Chlorotoluene	13.010	91	856102	45.94	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1057814	46.47	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.626	75	112637	47.53	ug/l	98
82) 4-Chlorotoluene	13.106	91	839805	45.41	ug/l	92
83) tert-Butylbenzene	13.326	119	938207	46.67	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	1043644	46.73	ug/l	95
85) sec-Butylbenzene	13.503	105	1336200	46.69	ug/l	98
86) p-Isopropyltoluene	13.618	119	1070866	46.23	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	529085	45.00	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	514700	44.37	ug/l	95
89) n-Butylbenzene	13.943	91	889360	45.51	ug/l	97
90) Hexachloroethane	14.211	117	214987	48.01	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	522977	46.22	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	70196	49.57	ug/l	71
93) 1,2,4-Trichlorobenzene	15.265	180	229089	44.23	ug/l	98
94) Hexachlorobutadiene	15.372	225	126254	45.63	ug/l	100
95) Naphthalene	15.509	128	658708	47.65	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	229417	48.52	ug/l	97

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

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