

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070721\
 Data File : VN067638.D
 Acq On : 7 Jul 2021 16:34
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070721

Manual Integrations
 APPROVED

MMDadoda
 7/8/2021 6:03:08 PM

Quant Time: Jul 08 05:59:52 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	477453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	859051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	861803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	436370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	329159	45.617	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.240%		
35) Dibromofluoromethane	8.024	113	251472	48.451	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.900%		
50) Toluene-d8	10.443	98	1096307	50.463	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.920%		
62) 4-Bromofluorobenzene	12.733	95	406741	53.000	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	191825	47.268	ug/l	99
3) Chloromethane	2.301	50	276553	43.025	ug/l	99
4) Vinyl Chloride	2.443	62	417823	43.071	ug/l	97
5) Bromomethane	2.840	94	326337	49.420	ug/l	99
6) Chloroethane	3.011	64	304773	45.761	ug/l	97
7) Trichlorofluoromethane	3.368	101	768070	52.221	ug/l	100
8) Diethyl Ether	3.813	74	190865	49.425	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.202	101	209885	47.433	ug/l	97
10) Methyl Iodide	4.414	142	254378	48.258	ug/l	93
11) Tert butyl alcohol	5.390	59	234319	225.979	ug/l #	82
12) 1,1-Dichloroethene	4.170	96	198393	46.731	ug/l	85
13) Acrolein	4.041	56	111809	220.704	ug/l	99
14) Allyl chloride	4.835	41	367139	47.045	ug/l	95
15) Acrylonitrile	5.556	53	630062	244.985	ug/l	100
16) Acetone	4.288	43	612114	269.593	ug/l	95
17) Carbon Disulfide	4.521	76	558771	47.515	ug/l	99
18) Methyl Acetate	4.856	43	275646	43.222	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	853804	48.532	ug/l	100
20) Methylene Chloride	5.090	84	252493	47.603	ug/l	90
21) trans-1,2-Dichloroethene	5.591	96	246243	49.059	ug/l	93
22) Diisopropyl ether	6.498	45	884928	49.971	ug/l	98
23) Vinyl Acetate	6.436	43	3816707	252.095	ug/l	95
24) 1,1-Dichloroethane	6.388	63	475044	48.119	ug/l	99
25) 2-Butanone	7.340	43	965618	256.114	ug/l	94
26) 2,2-Dichloropropane	7.327	77	450415	52.207	ug/l	94
27) cis-1,2-Dichloroethene	7.324	96	311758	49.633	ug/l	87
28) Bromochloromethane	7.656	49	215406	44.715	ug/l #	78
29) Tetrahydrofuran	7.689	42	608307	245.345	ug/l	92
30) Chloroform	7.817	83	539008	48.607	ug/l	99
31) Cyclohexane	8.094	56	452844	44.758	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	479145	49.831	ug/l	98
36) 1,1-Dichloropropene	8.222	75	405879	50.864	ug/l	96
37) Ethyl Acetate	7.418	43	383451	49.594	ug/l	98
38) Carbon Tetrachloride	8.206	117	413148	52.489	ug/l	97
39) Methylcyclohexane	9.461	83	467279	53.490	ug/l	91
40) Benzene	8.461	78	1207079	50.535	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	185981	46.802	ug/l	91
42) 1,2-Dichloroethane	8.533	62	429824	48.456	ug/l	96
43) Isopropyl Acetate	8.563	43	681928	50.140	ug/l	95
44) Trichloroethene	9.217	130	312870	51.612	ug/l	85
45) 1,2-Dichloropropane	9.491	63	301615	49.874	ug/l	99
46) Dibromomethane	9.577	93	220316	51.343	ug/l	94
47) Bromodichloromethane	9.762	83	433403	51.664	ug/l	100
48) Methyl methacrylate	9.563	41	296991	49.372	ug/l	89
49) 1,4-Dioxane	9.571	88	109752	919.726	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	2138932	255.993	ug/l	95
52) Toluene	10.507	92	839780	53.672	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	492257	49.269	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	499684	53.561	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	316514	52.785	ug/l	96
56) Ethyl methacrylate	10.765	69	504571	54.620	ug/l	90
57) 1,3-Dichloropropane	11.046	76	526841	51.239	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	572465	233.581	ug/l	92
59) 2-Hexanone	11.087	43	1575055	270.061	ug/l	92
60) Dibromochloromethane	11.240	129	348866	47.527	ug/l	98
61) 1,2-Dibromoethane	11.350	107	336954	55.042	ug/l	100
64) Tetrachloroethene	10.979	164	304845	50.111	ug/l	95
65) Chlorobenzene	11.773	112	915658	51.732	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	343538	55.178	ug/l	100
67) Ethyl Benzene	11.846	91	1682462	52.214	ug/l	95
68) m/p-Xylenes	11.956	106	1314102	107.827	ug/l	85
69) o-Xylene	12.283	106	641682	53.553	ug/l	86
70) Styrene	12.296	104	1070066	55.828	ug/l	92
71) Bromoform	12.463	173	263456	47.850	ug/l #	100
73) Isopropylbenzene	12.581	105	1661549	47.192	ug/l	96
74) N-amyl acetate	12.390	43	586797	45.940	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	473829	46.371	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	428346m	48.067	ug/l	
77) Bromobenzene	12.865	156	395608	50.768	ug/l	71
78) n-propylbenzene	12.924	91	1909143	47.943	ug/l	94
79) 2-Chlorotoluene	13.010	91	1135905	47.215	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	1392643	48.817	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.629	75	142742	51.643	ug/l	92
82) 4-Chlorotoluene	13.106	91	1152455	48.409	ug/l	90
83) tert-Butylbenzene	13.326	119	1186086	48.751	ug/l	87
84) 1,2,4-Trimethylbenzene	13.372	105	1384517	49.530	ug/l	92
85) sec-Butylbenzene	13.503	105	1633265	48.507	ug/l	95
86) p-Isopropyltoluene	13.618	119	1384617	50.959	ug/l	92
87) 1,3-Dichlorobenzene	13.618	146	738588	51.091	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	730534	49.357	ug/l	95
89) n-Butylbenzene	13.946	91	1139604	48.898	ug/l	97
90) Hexachloroethane	14.214	117	235514	52.189	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	712268	51.043	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	86582	48.786	ug/l #	59
93) 1,2,4-Trichlorobenzene	15.265	180	349312	48.158	ug/l	98
94) Hexachlorobutadiene	15.372	225	163390	55.722	ug/l	99
95) Naphthalene	15.509	128	985401	46.355	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	328803	47.337	ug/l	98

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

