

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052121\
 Data File : VN067164.D
 Acq On : 21 May 2021 17:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN052121

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:52:53 PM

Quant Time: May 22 07:20:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 17:24:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.597	168	239709	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.525	114	457107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	413635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.299	152	159025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	189850	51.03	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.06%			
35) Dibromofluoromethane	7.517	113	140298	50.01	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.02%			
50) Toluene-d8	10.035	98	546006	50.58	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.16%			
62) 4-Bromofluorobenzene	12.355	95	197967	53.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.28%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.852	85	159780	52.15	ug/l	98
3) Chloromethane	2.056	50	214750	50.02	ug/l	98
4) Vinyl Chloride	2.179	62	191337	51.91	ug/l	99
5) Bromomethane	2.515	94	101371	50.80	ug/l	100
6) Chloroethane	2.665	64	98331	49.79	ug/l	100
7) Trichlorofluoromethane	2.984	101	224517	51.16	ug/l	96
8) Diethyl Ether	3.370	74	90759	44.74	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.705	101	144369	51.98	ug/l	86
10) Methyl Iodide	3.896	142	197194	48.26	ug/l	91
11) Tert butyl alcohol	4.727	59	192812	246.00	ug/l	99
12) 1,1-Dichloroethene	3.684	96	147841	51.35	ug/l	85
13) Acrolein	3.558	56	156472	240.18	ug/l	96
14) Allyl chloride	4.255	41	321174	50.76	ug/l	# 93
15) Acrylonitrile	4.907	53	435386	270.16	ug/l	98
16) Acetone	3.770	43	426400	278.85	ug/l	95
17) Carbon Disulfide	3.995	76	452494	51.15	ug/l	99
18) Methyl Acetate	4.266	43	222573	52.14	ug/l	# 90
19) Methyl tert-butyl Ether	4.969	73	496620	51.82	ug/l	95
20) Methylene Chloride	4.483	84	176271	46.90	ug/l	# 87
21) trans-1,2-Dichloroethene	4.963	96	157765	50.24	ug/l	84
22) Diisopropyl ether	5.875	45	557506	51.00	ug/l	# 92
23) Vinyl Acetate	5.816	43	2668640	265.82	ug/l	# 93
24) 1,1-Dichloroethane	5.765	63	324414	51.27	ug/l	97
25) 2-Butanone	6.755	43	666817	274.32	ug/l	90
26) 2,2-Dichloropropane	6.744	77	276621	51.46	ug/l	97
27) cis-1,2-Dichloroethene	6.750	96	189330	51.88	ug/l	89
28) Bromochloromethane	7.117	49	155043	50.59	ug/l	# 67
29) Tetrahydrofuran	7.136	42	410161	260.09	ug/l	# 85
30) Chloroform	7.297	83	311560	50.49	ug/l	99
31) Cyclohexane	7.584	56	274487	47.68	ug/l	86
32) 1,1,1-Trichloroethane	7.498	97	271687	51.43	ug/l	96
36) 1,1-Dichloropropene	7.720	75	230942	49.97	ug/l	95
37) Ethyl Acetate	6.851	43	280782	55.11	ug/l	94
38) Carbon Tetrachloride	7.702	117	221891	49.28	ug/l	99
39) Methylcyclohexane	9.021	83	261771	51.54	ug/l	91
40) Benzene	7.972	78	723241	51.19	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.093	41	121650	49.80	ug/l #	84
42) 1,2-Dichloroethane	8.056	62	248139	51.60	ug/l	96
43) Isopropyl Acetate	8.101	43	463793	52.47	ug/l #	91
44) Trichloroethene	8.774	130	164181	51.91	ug/l	82
45) 1,2-Dichloropropane	9.059	63	195842	50.79	ug/l	99
46) Dibromomethane	9.150	93	119054	50.43	ug/l #	80
47) Bromodichloromethane	9.346	83	255464	52.02	ug/l	99
48) Methyl methacrylate	9.145	41	213215	54.28	ug/l #	85
49) 1,4-Dioxane	9.147	88	53238	950.25	ug/l #	81
51) 4-Methyl-2-Pentanone	9.928	43	1366114	279.03	ug/l	92
52) Toluene	10.102	92	441007	51.80	ug/l	99
53) t-1,3-Dichloropropene	10.330	75	285352	54.58	ug/l	99
54) cis-1,3-Dichloropropene	9.783	75	309501	52.80	ug/l #	87
55) 1,1,2-Trichloroethane	10.510	97	170101	51.73	ug/l	97
56) Ethyl methacrylate	10.378	69	276085	47.64	ug/l #	82
57) 1,3-Dichloropropane	10.654	76	300628	52.63	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.641	63	218415	257.13	ug/l	90
59) 2-Hexanone	10.700	43	903746	243.98	ug/l	91
60) Dibromochloromethane	10.850	129	181892	53.39	ug/l	98
61) 1,2-Dibromoethane	10.952	107	177089	54.54	ug/l	98
64) Tetrachloroethene	10.579	164	138363	48.98	ug/l	91
65) Chlorobenzene	11.384	112	428181	50.69	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.459	131	163166	50.78	ug/l	98
67) Ethyl Benzene	11.462	91	828569	52.32	ug/l	95
68) m/p-Xylenes	11.574	106	603417	107.65	ug/l	89
69) o-Xylene	11.899	106	297999	51.63	ug/l	88
70) Styrene	11.918	104	480230	48.06	ug/l	95
71) Bromoform	12.081	173	117668	55.02	ug/l #	95
73) Isopropylbenzene	12.202	105	776233	49.89	ug/l	96
74) N-amyl acetate	12.033	43	172405	58.69	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.457	83	253091	48.85	ug/l	99
76) 1,2,3-Trichloropropane	12.508	75	226460m	51.15	ug/l	
77) Bromobenzene	12.478	156	166336	52.65	ug/l	68
78) n-propylbenzene	12.545	91	898151	53.76	ug/l	92
79) 2-Chlorotoluene	12.626	91	546066	50.50	ug/l	91
80) 1,3,5-Trimethylbenzene	12.687	105	639732	49.83	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.256	75	73713	49.20	ug/l	91
82) 4-Chlorotoluene	12.728	91	533373	55.01	ug/l	91
83) tert-Butylbenzene	12.945	119	538822	46.81	ug/l	90
84) 1,2,4-Trimethylbenzene	12.993	105	602255	51.83	ug/l	94
85) sec-Butylbenzene	13.125	105	752594	52.13	ug/l	94
86) p-Isopropyltoluene	13.245	119	601362	53.32	ug/l	94
87) 1,3-Dichlorobenzene	13.237	146	281606	53.57	ug/l	95
88) 1,4-Dichlorobenzene	13.318	146	288379	51.49	ug/l	97
89) n-Butylbenzene	13.570	91	507814	54.32	ug/l	95
90) Hexachloroethane	13.825	117	113640	49.07	ug/l	72
91) 1,2-Dichlorobenzene	13.607	146	266434	53.17	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.232	75	42445	49.19	ug/l	73
93) 1,2,4-Trichlorobenzene	14.865	180	130449	47.87	ug/l	97
94) Hexachlorobutadiene	14.962	225	67494	48.71	ug/l	97
95) Naphthalene	15.085	128	394347	48.97	ug/l	98
96) 1,2,3-Trichlorobenzene	15.265	180	127893	56.16	ug/l	95

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

