

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052621\
 Data File : VN067177.D
 Acq On : 26 May 2021 19:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/28/2021 2:36:40 PM

Quant Time: May 27 02:42:56 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	210400	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.522	114	390963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	355019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.296	152	167796	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	158809	48.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.28%
35) Dibromofluoromethane	7.517	113	122519	51.06	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.12%
50) Toluene-d8	10.035	98	471510	51.07	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.14%
62) 4-Bromofluorobenzene	12.355	95	176719	55.98	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.96%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.850	85	136467	50.74	ug/l	99
3) Chloromethane	2.048	50	172159	45.68	ug/l	99
4) Vinyl Chloride	2.177	62	160480	49.60	ug/l	99
5) Bromomethane	2.533	94	110043	62.83	ug/l	99
6) Chloroethane	2.673	64	87495	50.48	ug/l	98
7) Trichlorofluoromethane	2.984	101	194549	50.51	ug/l	99
8) Diethyl Ether	3.368	74	89865	50.47	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.705	101	125290	51.39	ug/l	88
10) Methyl Iodide	3.901	142	156534	43.64	ug/l	91
11) Tert butyl alcohol	4.730	59	134360	195.31	ug/l	# 86
12) 1,1-Dichloroethene	3.687	96	126615	50.10	ug/l	86
13) Acrolein	3.558	56	118320	206.92	ug/l	96
14) Allyl chloride	4.258	41	269950	48.61	ug/l	# 93
15) Acrylonitrile	4.904	53	334516	236.49	ug/l	98
16) Acetone	3.770	43	283293	211.07	ug/l	95
17) Carbon Disulfide	3.998	76	393030	50.62	ug/l	100
18) Methyl Acetate	4.261	43	180827	48.27	ug/l	91
19) Methyl tert-butyl Ether	4.963	73	416903	49.56	ug/l	96
20) Methylene Chloride	4.483	84	156730	47.51	ug/l	90
21) trans-1,2-Dichloroethene	4.961	96	138835	50.38	ug/l	88
22) Diisopropyl ether	5.870	45	476180	49.62	ug/l	# 94
23) Vinyl Acetate	5.811	43	2175228	246.85	ug/l	# 93
24) 1,1-Dichloroethane	5.765	63	282285	50.82	ug/l	97
25) 2-Butanone	6.752	43	471907	221.18	ug/l	# 89
26) 2,2-Dichloropropane	6.739	77	214701	45.50	ug/l	100
27) cis-1,2-Dichloroethene	6.747	96	161703	50.48	ug/l	91
28) Bromochloromethane	7.117	49	132158	49.13	ug/l	# 71
29) Tetrahydrofuran	7.136	42	299730	216.54	ug/l	# 85
30) Chloroform	7.297	83	273361	50.47	ug/l	99
31) Cyclohexane	7.581	56	236084	46.72	ug/l	87
32) 1,1,1-Trichloroethane	7.498	97	235357	50.76	ug/l	97
36) 1,1-Dichloropropene	7.720	75	201013	50.85	ug/l	96
37) Ethyl Acetate	6.849	43	209104	47.99	ug/l	95
38) Carbon Tetrachloride	7.704	117	194530	50.51	ug/l	99
39) Methylcyclohexane	9.021	83	223494	51.45	ug/l	90
40) Benzene	7.972	78	624192	51.65	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.087	41	100183	47.96	ug/l #	78
42) 1,2-Dichloroethane	8.056	62	206316	50.16	ug/l	96
43) Isopropyl Acetate	8.099	43	361144	47.77	ug/l #	86
44) Trichloroethene	8.774	130	147286	54.45	ug/l	81
45) 1,2-Dichloropropane	9.056	63	172402	52.28	ug/l	99
46) Dibromomethane	9.150	93	102736	50.88	ug/l #	83
47) Bromodichloromethane	9.343	83	221521	52.74	ug/l	97
48) Methyl methacrylate	9.144	41	157181	46.79	ug/l	87
49) 1,4-Dioxane	9.153	88	42583	892.58	ug/l #	85
51) 4-Methyl-2-Pentanone	9.928	43	1025013	244.78	ug/l	92
52) Toluene	10.099	92	381854	52.44	ug/l	98
53) t-1,3-Dichloropropene	10.330	75	231893	51.86	ug/l	100
54) cis-1,3-Dichloropropene	9.783	75	263522	52.56	ug/l #	88
55) 1,1,2-Trichloroethane	10.507	97	146745	52.17	ug/l	96
56) Ethyl methacrylate	10.378	69	224103	45.35	ug/l #	83
57) 1,3-Dichloropropane	10.654	76	251128	51.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.638	63	324168	398.81	ug/l	92
59) 2-Hexanone	10.700	43	644617	206.60	ug/l	92
60) Dibromochloromethane	10.850	129	155674	53.43	ug/l	99
61) 1,2-Dibromoethane	10.955	107	144842	52.15	ug/l	99
64) Tetrachloroethene	10.579	164	117465	48.45	ug/l	93
65) Chlorobenzene	11.381	112	378157	52.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.459	131	141681	51.37	ug/l	100
67) Ethyl Benzene	11.462	91	720327	53.00	ug/l	96
68) m/p-Xylenes	11.572	106	539510	112.14	ug/l	91
69) o-Xylene	11.899	106	262923	53.08	ug/l	88
70) Styrene	11.915	104	435403	50.62	ug/l	96
71) Bromoform	12.079	173	99600	54.26	ug/l #	99
73) Isopropylbenzene	12.202	105	691493	42.12	ug/l	96
74) N-amyl acetate	12.028	43	186506	60.17	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.457	83	212107	38.80	ug/l	98
76) 1,2,3-Trichloropropane	12.505	75	207237m	44.37	ug/l	
77) Bromobenzene	12.476	156	152045	45.61	ug/l	75
78) n-propylbenzene	12.543	91	828529	47.00	ug/l	93
79) 2-Chlorotoluene	12.626	91	488700	42.83	ug/l	93
80) 1,3,5-Trimethylbenzene	12.685	105	601250	44.39	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.253	75	60905	40.00	ug/l	94
82) 4-Chlorotoluene	12.725	91	496993	48.58	ug/l	92
83) tert-Butylbenzene	12.945	119	495379	40.79	ug/l	90
84) 1,2,4-Trimethylbenzene	12.990	105	585983	47.80	ug/l	96
85) sec-Butylbenzene	13.125	105	714598	46.92	ug/l	95
86) p-Isopropyltoluene	13.243	119	607705	51.06	ug/l	95
87) 1,3-Dichlorobenzene	13.234	146	280692	50.61	ug/l	97
88) 1,4-Dichlorobenzene	13.315	146	285051	48.24	ug/l	96
89) n-Butylbenzene	13.570	91	571448	57.93	ug/l	96
90) Hexachloroethane	13.825	117	102325	41.87	ug/l	77
91) 1,2-Dichlorobenzene	13.607	146	288825	54.62	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.227	75	40227	44.18	ug/l	73
93) 1,2,4-Trichlorobenzene	14.865	180	154013	53.17	ug/l	97
94) Hexachlorobutadiene	14.964	225	77062	52.70	ug/l	99
95) Naphthalene	15.085	128	436459	51.17	ug/l	100
96) 1,2,3-Trichlorobenzene	15.265	180	147853	61.53	ug/l	96

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

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