

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052621\
 Data File : VN067166.D
 Acq On : 26 May 2021 11:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/28/2021 2:36:29 PM

Quant Time: May 27 02:37:58 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	238986	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.522	114	428804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	383841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.296	152	173898	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	173258	46.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.42%
35) Dibromofluoromethane	7.519	113	134275	51.03	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.06%
50) Toluene-d8	10.035	98	516414	50.99	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.98%
62) 4-Bromofluorobenzene	12.355	95	192778	55.68	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.36%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.849	85	156448	51.21	ug/l	99
3) Chloromethane	2.048	50	188838	44.11	ug/l	100
4) Vinyl Chloride	2.177	62	178576	48.59	ug/l	100
5) Bromomethane	2.533	94	100316	50.42	ug/l	99
6) Chloroethane	2.670	64	100228	50.91	ug/l	99
7) Trichlorofluoromethane	2.981	101	218850	50.02	ug/l	100
8) Diethyl Ether	3.370	74	102496	50.68	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.705	101	147344	53.21	ug/l	88
10) Methyl Iodide	3.896	142	174175	42.75	ug/l	94
11) Tert butyl alcohol	4.735	59	137314	175.73	ug/l	# 87
12) 1,1-Dichloroethene	3.684	96	142174	49.53	ug/l	89
13) Acrolein	3.560	56	149715	230.50	ug/l	98
14) Allyl chloride	4.255	41	298207	47.27	ug/l	# 93
15) Acrylonitrile	4.907	53	366194	227.92	ug/l	99
16) Acetone	3.770	43	377763	247.79	ug/l	95
17) Carbon Disulfide	3.995	76	442123	50.13	ug/l	98
18) Methyl Acetate	4.258	43	194153	45.62	ug/l	# 88
19) Methyl tert-butyl Ether	4.963	73	465116	48.68	ug/l	94
20) Methylene Chloride	4.480	84	166509	44.44	ug/l	88
21) trans-1,2-Dichloroethene	4.960	96	154019	49.20	ug/l	86
22) Diisopropyl ether	5.870	45	523399	48.02	ug/l	# 94
23) Vinyl Acetate	5.811	43	2401918	239.97	ug/l	# 93
24) 1,1-Dichloroethane	5.762	63	305090	48.36	ug/l	97
25) 2-Butanone	6.752	43	558034	230.26	ug/l	89
26) 2,2-Dichloropropane	6.739	77	268179	50.04	ug/l	97
27) cis-1,2-Dichloroethene	6.747	96	183410	50.41	ug/l	89
28) Bromochloromethane	7.117	49	142072	46.50	ug/l	# 70
29) Tetrahydrofuran	7.133	42	331934	211.12	ug/l	# 85
30) Chloroform	7.294	83	297157	48.30	ug/l	100
31) Cyclohexane	7.583	56	265400	46.24	ug/l	89
32) 1,1,1-Trichloroethane	7.495	97	260741	49.51	ug/l	96
36) 1,1-Dichloropropene	7.723	75	228330	52.66	ug/l	97
37) Ethyl Acetate	6.849	43	237714	49.74	ug/l	# 94
38) Carbon Tetrachloride	7.704	117	218084	51.63	ug/l	96
39) Methylcyclohexane	9.021	83	264644	55.55	ug/l	91
40) Benzene	7.972	78	691998	52.21	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.090	41	115244	50.30	ug/l #	81
42) 1,2-Dichloroethane	8.055	62	225846	50.06	ug/l	97
43) Isopropyl Acetate	8.098	43	396404	47.80	ug/l #	85
44) Trichloroethene	8.774	130	166508	56.12	ug/l	86
45) 1,2-Dichloropropane	9.056	63	188282	52.05	ug/l	99
46) Dibromomethane	9.150	93	113187	51.11	ug/l #	82
47) Bromodichloromethane	9.343	83	242543	52.65	ug/l	99
48) Methyl methacrylate	9.144	41	178049	48.32	ug/l	88
49) 1,4-Dioxane	9.155	88	43350	832.82	ug/l #	84
51) 4-Methyl-2-Pentanone	9.927	43	1129410	245.90	ug/l	92
52) Toluene	10.099	92	422882	52.95	ug/l	99
53) t-1,3-Dichloropropene	10.330	75	268732	54.79	ug/l	99
54) cis-1,3-Dichloropropene	9.783	75	293468	53.36	ug/l #	88
55) 1,1,2-Trichloroethane	10.509	97	160440	52.01	ug/l	96
56) Ethyl methacrylate	10.378	69	252298	46.48	ug/l #	84
57) 1,3-Dichloropropane	10.654	76	276241	51.56	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.638	63	374525	415.14	ug/l	92
59) 2-Hexanone	10.703	43	742719	216.08	ug/l	92
60) Dibromochloromethane	10.850	129	172021	53.83	ug/l	99
61) 1,2-Dibromoethane	10.955	107	159711	52.43	ug/l	100
64) Tetrachloroethene	10.579	164	132020	50.36	ug/l	93
65) Chlorobenzene	11.384	112	417188	53.22	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.456	131	157458	52.81	ug/l	99
67) Ethyl Benzene	11.462	91	800223	54.46	ug/l	97
68) m/p-Xylenes	11.572	106	607087	116.71	ug/l	92
69) o-Xylene	11.899	106	293986	54.89	ug/l	91
70) Styrene	11.917	104	481891	51.76	ug/l	96
71) Bromoform	12.078	173	114059	57.47	ug/l #	99
73) Isopropylbenzene	12.202	105	770833	45.30	ug/l	97
74) N-amyl acetate	12.030	43	209667	65.27	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.457	83	234621	41.41	ug/l	98
76) 1,2,3-Trichloropropane	12.505	75	229878m	47.49	ug/l	
77) Bromobenzene	12.478	156	169899	49.18	ug/l	77
78) n-propylbenzene	12.542	91	926643	50.72	ug/l	94
79) 2-Chlorotoluene	12.626	91	547491	46.30	ug/l	91
80) 1,3,5-Trimethylbenzene	12.685	105	667836	47.57	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.253	75	66839	41.96	ug/l	88
82) 4-Chlorotoluene	12.725	91	558243	52.65	ug/l	92
83) tert-Butylbenzene	12.945	119	559566	44.45	ug/l	91
84) 1,2,4-Trimethylbenzene	12.993	105	652884	51.38	ug/l	96
85) sec-Butylbenzene	13.124	105	805138	51.00	ug/l	95
86) p-Isopropyltoluene	13.242	119	679407	55.08	ug/l	95
87) 1,3-Dichlorobenzene	13.237	146	315009	54.80	ug/l	97
88) 1,4-Dichlorobenzene	13.317	146	316237	51.64	ug/l	96
89) n-Butylbenzene	13.570	91	647369	63.33	ug/l	97
90) Hexachloroethane	13.827	117	113967	45.00	ug/l	77
91) 1,2-Dichlorobenzene	13.607	146	311815	56.90	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.229	75	44223	46.87	ug/l	77
93) 1,2,4-Trichlorobenzene	14.865	180	177584	58.79	ug/l	97
94) Hexachlorobutadiene	14.962	225	87211	57.55	ug/l	100
95) Naphthalene	15.085	128	501571	56.32	ug/l	100
96) 1,2,3-Trichlorobenzene	15.265	180	165519	66.46	ug/l	97

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

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