

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051721\
 Data File : VN067090.D
 Acq On : 17 May 2021 10:29
 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
 5/19/2021 3:58:18 PM

Quant Time: May 18 04:03:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.597	168	566429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.522	114	825935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	738376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.296	152	380923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	293591	47.98	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.96%		
35) Dibromofluoromethane	7.519	113	271817	50.12	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.24%		
50) Toluene-d8	10.035	98	1035727	50.39	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.78%		
62) 4-Bromofluorobenzene	12.352	95	378494	54.97	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.94%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.852	85	252153	48.92	ug/l	99
3) Chloromethane	2.051	50	273311	43.71	ug/l	99
4) Vinyl Chloride	2.179	62	297025	47.47	ug/l	100
5) Bromomethane	2.531	94	209288	48.27	ug/l	98
6) Chloroethane	2.676	64	177376	47.60	ug/l	98
7) Trichlorofluoromethane	2.987	101	399059	49.30	ug/l	96
8) Diethyl Ether	3.370	74	171007	49.68	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.713	101	262296	50.69	ug/l	100
10) Methyl Iodide	3.901	142	415524	48.72	ug/l	99
11) Tert butyl alcohol	4.717	59	238767	234.08	ug/l #	86
12) 1,1-Dichloroethene	3.689	96	255496	47.97	ug/l	99
13) Acrolein	3.563	56	76586	243.66	ug/l	99
14) Allyl chloride	4.261	41	388083	47.28	ug/l	98
15) Acrylonitrile	4.907	53	569494	249.80	ug/l	98
16) Acetone	3.764	43	576832	303.30	ug/l	98
17) Carbon Disulfide	4.000	76	679217	47.60	ug/l	98
18) Methyl Acetate	4.261	43	276539	48.90	ug/l	100
19) Methyl tert-butyl Ether	4.963	73	800986	49.71	ug/l	100
20) Methylene Chloride	4.483	84	297558	47.82	ug/l	97
21) trans-1,2-Dichloroethene	4.966	96	277338	48.75	ug/l	98
22) Diisopropyl ether	5.872	45	741920	48.93	ug/l	99
23) Vinyl Acetate	5.813	43	3316473	250.58	ug/l	99
24) 1,1-Dichloroethane	5.765	63	495112	48.26	ug/l	99
25) 2-Butanone	6.749	43	802936	270.74	ug/l	99
26) 2,2-Dichloropropane	6.741	77	457771	48.52	ug/l	100
27) cis-1,2-Dichloroethene	6.747	96	332995	49.01	ug/l	98
28) Bromochloromethane	7.120	49	205690	48.32	ug/l	97
29) Tetrahydrofuran	7.133	42	455097	247.12	ug/l	99
30) Chloroform	7.297	83	512264	48.76	ug/l	98
31) Cyclohexane	7.584	56	387560	45.97	ug/l	100
32) 1,1,1-Trichloroethane	7.500	97	459612	48.59	ug/l	99
36) 1,1-Dichloropropene	7.723	75	382429	50.76	ug/l	98
37) Ethyl Acetate	6.846	43	328089	49.31	ug/l	99
38) Carbon Tetrachloride	7.704	117	409307	51.03	ug/l	99
39) Methylcyclohexane	9.021	83	457196	51.83	ug/l	98
40) Benzene	7.972	78	1170804	51.16	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.087	41	153484	57.14	ug/l	94
42) 1,2-Dichloroethane	8.056	62	374019	50.82	ug/l	99
43) Isopropyl Acetate	8.096	43	572962	51.88	ug/l	99
44) Trichloroethene	8.774	130	342880	52.70	ug/l	99
45) 1,2-Dichloropropane	9.056	63	301955	50.47	ug/l	98
46) Dibromomethane	9.150	93	205261	51.40	ug/l	100
47) Bromodichloromethane	9.343	83	424388	51.28	ug/l	99
48) Methyl methacrylate	9.142	41	255872	48.28	ug/l	100
49) 1,4-Dioxane	9.144	88	82615	1051.17	ug/l	99
51) 4-Methyl-2-Pentanone	9.928	43	1628065	245.32	ug/l	99
52) Toluene	10.099	92	768647	52.00	ug/l	99
53) t-1,3-Dichloropropene	10.330	75	483006	54.75	ug/l	100
54) cis-1,3-Dichloropropene	9.785	75	523166	52.76	ug/l	99
55) 1,1,2-Trichloroethane	10.507	97	303628	51.71	ug/l	99
56) Ethyl methacrylate	10.378	69	443984	49.18	ug/l	100
57) 1,3-Dichloropropane	10.652	76	496276	52.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.638	63	275890	220.27	ug/l	99
59) 2-Hexanone	10.700	43	1080105	251.91	ug/l	100
60) Dibromochloromethane	10.850	129	374320	54.13	ug/l	99
61) 1,2-Dibromoethane	10.952	107	320899	53.27	ug/l	99
64) Tetrachloroethene	10.579	164	332387	51.30	ug/l	99
65) Chlorobenzene	11.384	112	864284	52.49	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.459	131	337223	51.66	ug/l	99
67) Ethyl Benzene	11.462	91	1463885	52.78	ug/l	100
68) m/p-Xylenes	11.572	106	1175130	109.65	ug/l	100
69) o-Xylene	11.899	106	574893	53.29	ug/l	100
70) Styrene	11.915	104	932789	55.55	ug/l	99
71) Bromoform	12.079	173	289481	51.14	ug/l #	99
73) Isopropylbenzene	12.202	105	1502837	47.24	ug/l	99
74) N-amyl acetate	12.028	43	319253	60.27	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.457	83	442543	45.90	ug/l	100
76) 1,2,3-Trichloropropane	12.505	75	409345m	50.92	ug/l	
77) Bromobenzene	12.478	156	394529	49.86	ug/l	99
78) n-propylbenzene	12.543	91	1634484	50.78	ug/l	100
79) 2-Chlorotoluene	12.626	91	982892	46.14	ug/l	99
80) 1,3,5-Trimethylbenzene	12.685	105	1273570	47.98	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.253	75	121938	46.90	ug/l	98
82) 4-Chlorotoluene	12.725	91	982268	48.25	ug/l	98
83) tert-Butylbenzene	12.945	119	1125617	44.91	ug/l	99
84) 1,2,4-Trimethylbenzene	12.993	105	1244666	50.86	ug/l	99
85) sec-Butylbenzene	13.124	105	1512004	50.51	ug/l	100
86) p-Isopropyltoluene	13.243	119	1325044	51.01	ug/l	100
87) 1,3-Dichlorobenzene	13.237	146	686643	53.44	ug/l	99
88) 1,4-Dichlorobenzene	13.318	146	697794	52.14	ug/l	98
89) n-Butylbenzene	13.570	91	1011556	51.35	ug/l	100
90) Hexachloroethane	13.827	117	233301	49.07	ug/l	99
91) 1,2-Dichlorobenzene	13.607	146	659371	49.49	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.227	75	71697	50.42	ug/l	98
93) 1,2,4-Trichlorobenzene	14.865	180	388412	57.49	ug/l	99
94) Hexachlorobutadiene	14.962	225	246926	53.07	ug/l	100
95) Naphthalene	15.085	128	813904	50.26	ug/l	99
96) 1,2,3-Trichlorobenzene	15.265	180	360940	57.92	ug/l	99

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

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