

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022321\
 Data File : VN065976.D
 Acq On : 23 Feb 2021 10:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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MMDadoda
 2/24/2021 1:41:39 PM

Quant Time: Feb 24 00:30:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	123883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	210328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	194576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	91152	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	83811	48.38	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.76%		
35) Dibromofluoromethane	7.550	113	61777	47.46	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.92%		
50) Toluene-d8	10.058	98	247429	46.31	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.62%		
62) 4-Bromofluorobenzene	12.373	95	96523	48.12	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.24%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.853	85	69932	43.12	ug/l	99
3) Chloromethane	2.055	50	81993	40.35	ug/l	98
4) Vinyl Chloride	2.184	62	84217	42.07	ug/l	98
5) Bromomethane	2.547	94	53751	43.83	ug/l	95
6) Chloroethane	2.689	64	46193	40.90	ug/l	99
7) Trichlorofluoromethane	3.004	101	113948	45.71	ug/l	99
8) Diethyl Ether	3.390	74	41704	45.59	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.730	101	55162	41.83	ug/l	99
10) Methyl Iodide	3.923	142	84418	41.00	ug/l	95
11) Tert butyl alcohol	4.746	59	63857	265.10	ug/l	100
12) 1,1-Dichloroethene	3.711	96	59942	43.08	ug/l	94
13) Acrolein	3.579	56	49879	226.27	ug/l	98
14) Allyl chloride	4.290	41	105597	44.46	ug/l	98
15) Acrylonitrile	4.942	53	153817	230.28	ug/l	100
16) Acetone	3.788	43	127446	234.09	ug/l	100
17) Carbon Disulfide	4.023	76	173312	43.73	ug/l	99
18) Methyl Acetate	4.290	43	65444	45.72	ug/l	97
19) Methyl tert-butyl Ether	5.004	73	217476	48.58	ug/l	99
20) Methylene Chloride	4.515	84	68993	42.95	ug/l	97
21) trans-1,2-Dichloroethene	5.000	96	67649	46.26	ug/l	96
22) Diisopropyl ether	5.907	45	206279	43.42	ug/l	99
23) Vinyl Acetate	5.849	43	870687	233.63	ug/l	98
24) 1,1-Dichloroethane	5.804	63	123265	44.90	ug/l	100
25) 2-Butanone	6.788	43	195204	227.63	ug/l	99
26) 2,2-Dichloropropane	6.778	77	113402	52.66	ug/l	96
27) cis-1,2-Dichloroethene	6.785	96	78348	47.03	ug/l	95
28) Bromochloromethane	7.151	49	54095	42.75	ug/l	98
29) Tetrahydrofuran	7.164	42	127574	216.09	ug/l	96
30) Chloroform	7.331	83	128393	47.34	ug/l	99
31) Cyclohexane	7.614	56	106220	41.12	ug/l	97
32) 1,1,1-Trichloroethane	7.531	97	114970	50.55	ug/l	99
36) 1,1-Dichloropropene	7.753	75	96373	46.47	ug/l	99
37) Ethyl Acetate	6.885	43	83181	44.42	ug/l	95
38) Carbon Tetrachloride	7.737	117	95645	49.62	ug/l	98
39) Methylcyclohexane	9.045	83	105437	45.24	ug/l	97
40) Benzene	8.003	78	289646	45.52	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.122	41	36523	40.29	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	106286	50.83	ug/l	97
43) Isopropyl Acetate	8.122	43	148173	49.64	ug/l	98
44) Trichloroethene	8.801	130	78322	49.77	ug/l	98
45) 1,2-Dichloropropane	9.081	63	74685	45.83	ug/l	99
46) Dibromomethane	9.174	93	48626	48.99	ug/l	95
47) Bromodichloromethane	9.367	83	105573	52.24	ug/l	97
48) Methyl methacrylate	9.161	41	71349	47.18	ug/l	97
49) 1,4-Dioxane	9.161	88	27279	1058.68	ug/l	96
51) 4-Methyl-2-Pentanone	9.949	43	413655	227.77	ug/l	98
52) Toluene	10.122	92	185708	47.52	ug/l	96
53) t-1,3-Dichloropropene	10.347	75	123570	49.46	ug/l	97
54) cis-1,3-Dichloropropene	9.804	75	131213	52.36	ug/l	99
55) 1,1,2-Trichloroethane	10.531	97	70440	48.16	ug/l	98
56) Ethyl methacrylate	10.396	69	109243	49.68	ug/l	98
57) 1,3-Dichloropropane	10.675	76	121079	46.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	231419	220.44	ug/l	99
59) 2-Hexanone	10.720	43	294709	227.81	ug/l	98
60) Dibromochloromethane	10.872	129	79041	52.88	ug/l	99
61) 1,2-Dibromoethane	10.974	107	74169	49.92	ug/l	99
64) Tetrachloroethene	10.598	164	77277	51.44	ug/l	96
65) Chlorobenzene	11.402	112	195986	48.17	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.479	131	73070	52.28	ug/l	99
67) Ethyl Benzene	11.479	91	356912	48.46	ug/l	99
68) m/p-Xylenes	11.592	106	270466	98.42	ug/l	94
69) o-Xylene	11.916	106	131222	49.52	ug/l	96
70) Styrene	11.936	104	220396	50.52	ug/l	97
71) Bromoform	12.100	173	50568	47.59	ug/l #	99
73) Isopropylbenzene	12.219	105	346494	46.58	ug/l	99
74) N-amyl acetate	12.042	43	115339	44.69	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.476	83	94710	43.15	ug/l	97
76) 1,2,3-Trichloropropane	12.524	75	99215m	45.31	ug/l	
77) Bromobenzene	12.495	156	83201	48.88	ug/l	89
78) n-propylbenzene	12.563	91	385597	45.58	ug/l	100
79) 2-Chlorotoluene	12.646	91	240311	45.32	ug/l	98
80) 1,3,5-Trimethylbenzene	12.704	105	300599	47.56	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.273	75	34351	49.99	ug/l	98
82) 4-Chlorotoluene	12.743	91	252876	47.23	ug/l	97
83) tert-Butylbenzene	12.965	119	244573	46.84	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	302067	47.61	ug/l	99
85) sec-Butylbenzene	13.145	105	316391	46.67	ug/l	100
86) p-Isopropyltoluene	13.260	119	296070	48.10	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	145481	48.29	ug/l	98
88) 1,4-Dichlorobenzene	13.334	146	147388	47.89	ug/l	97
89) n-Butylbenzene	13.585	91	253713	48.89	ug/l	99
90) Hexachloroethane	13.846	117	41080	39.42	ug/l	97
91) 1,2-Dichlorobenzene	13.624	146	144211	47.73	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	22661	52.34	ug/l	86
93) 1,2,4-Trichlorobenzene	14.878	180	87951	53.75	ug/l	99
94) Hexachlorobutadiene	14.981	225	34838	49.68	ug/l	98
95) Naphthalene	15.100	128	284152	53.52	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	88223	54.01	ug/l	99

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

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