

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021521\
 Data File : VN065871.D
 Acq On : 15 Feb 2021 16:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 2/16/2021 3:08:08 PM

Quant Time: Feb 16 01:07:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 15 10:57:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	219602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	380120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	341917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	153417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.988	65	122548	42.42	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.84%		
35) Dibromofluoromethane	7.547	113	112847	50.10	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.20%		
50) Toluene-d8	10.055	98	432207	48.81	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.62%		
62) 4-Bromofluorobenzene	12.373	95	167282	52.46	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.92%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.833	85	121039	49.21	ug/l	98
3) Chloromethane	2.039	50	161282	44.62	ug/l	99
4) Vinyl Chloride	2.168	62	169374	46.27	ug/l	99
5) Bromomethane	2.528	94	106335	50.18	ug/l	98
6) Chloroethane	2.673	64	98248	46.40	ug/l	99
7) Trichlorofluoromethane	2.988	101	181472	47.42	ug/l	99
8) Diethyl Ether	3.377	74	84477	46.31	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.711	101	115622	49.79	ug/l	97
10) Methyl Iodide	3.901	142	177317	52.09	ug/l	95
11) Tert butyl alcohol	4.766	59	102684	189.75	ug/l	98
12) 1,1-Dichloroethene	3.689	96	121189	45.33	ug/l	98
13) Acrolein	3.566	56	112192	240.62	ug/l	99
14) Allyl chloride	4.267	41	199137	40.18	ug/l	91
15) Acrylonitrile	4.933	53	296964	210.64	ug/l	99
16) Acetone	3.779	43	268074	238.35	ug/l	94
17) Carbon Disulfide	3.997	76	338635	40.23	ug/l	99
18) Methyl Acetate	4.280	43	129165	40.98	ug/l	97
19) Methyl tert-butyl Ether	5.000	73	393319	44.07	ug/l	100
20) Methylene Chloride	4.492	84	142648	45.80	ug/l	98
21) trans-1,2-Dichloroethene	4.981	96	129274	45.50	ug/l	95
22) Diisopropyl ether	5.907	45	404573	39.94	ug/l	96
23) Vinyl Acetate	5.843	43	1603483	198.15	ug/l	98
24) 1,1-Dichloroethane	5.791	63	239208	44.30	ug/l	99
25) 2-Butanone	6.791	43	373139	211.58	ug/l	99
26) 2,2-Dichloropropane	6.772	77	184662	42.73	ug/l	99
27) cis-1,2-Dichloroethene	6.779	96	150917	46.36	ug/l	98
28) Bromochloromethane	7.148	49	101535	44.75	ug/l	95
29) Tetrahydrofuran	7.174	42	238980	186.83	ug/l	97
30) Chloroform	7.328	83	224728	45.18	ug/l	99
31) Cyclohexane	7.608	56	221891	40.84	ug/l	98
32) 1,1,1-Trichloroethane	7.524	97	182021	44.96	ug/l	100
36) 1,1-Dichloropropene	7.750	75	183137	47.88	ug/l	99
37) Ethyl Acetate	6.888	43	153635	41.86	ug/l	95
38) Carbon Tetrachloride	7.730	117	149610	47.51	ug/l	99
39) Methylcyclohexane	9.042	83	216843	46.46	ug/l	100
40) Benzene	8.000	78	564060	48.29	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.123	41	77177	39.17	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	162897	46.26	ug/l	97
43) Isopropyl Acetate	8.129	43	256289	39.39	ug/l	94
44) Trichloroethene	8.798	130	144039	50.82	ug/l	97
45) 1,2-Dichloropropane	9.081	63	150330	46.77	ug/l	99
46) Dibromomethane	9.171	93	87430	49.24	ug/l	94
47) Bromodichloromethane	9.367	83	172967	45.41	ug/l	100
48) Methyl methacrylate	9.164	41	123126	39.89	ug/l	92
49) 1,4-Dioxane	9.168	88	46260	926.09	ug/l	96
51) 4-Methyl-2-Pentanone	9.952	43	751901	209.60	ug/l	95
52) Toluene	10.122	92	350472	50.65	ug/l	97
53) t-1,3-Dichloropropene	10.348	75	206156	46.48	ug/l	97
54) cis-1,3-Dichloropropene	9.804	75	234768	47.51	ug/l	93
55) 1,1,2-Trichloroethane	10.531	97	131925	49.99	ug/l	97
56) Ethyl methacrylate	10.399	69	206184	47.24	ug/l #	90
57) 1,3-Dichloropropane	10.676	76	230419	49.60	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	435650	216.13	ug/l	97
59) 2-Hexanone	10.721	43	555008	222.85	ug/l	93
60) Dibromochloromethane	10.872	129	131652	48.81	ug/l	100
61) 1,2-Dibromoethane	10.975	107	132507	50.37	ug/l	99
64) Tetrachloroethene	10.598	164	135068	47.14	ug/l	98
65) Chlorobenzene	11.402	112	373196	52.17	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	124301	49.16	ug/l	99
67) Ethyl Benzene	11.479	91	658425	49.00	ug/l	99
68) m/p-Xylenes	11.592	106	505907	104.00	ug/l	100
69) o-Xylene	11.917	106	242171	51.37	ug/l	100
70) Styrene	11.933	104	410844	52.95	ug/l	98
71) Bromoform	12.097	173	82470	47.18	ug/l #	100
73) Isopropylbenzene	12.219	105	629837	46.89	ug/l	99
74) N-amyl acetate	12.039	43	225469	39.68	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.473	83	181298	45.70	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	180891m	45.09	ug/l	
77) Bromobenzene	12.495	156	146445	50.35	ug/l	86
78) n-propylbenzene	12.560	91	716803	45.28	ug/l	99
79) 2-Chlorotoluene	12.643	91	431514	45.90	ug/l	97
80) 1,3,5-Trimethylbenzene	12.701	105	527498	46.12	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	63241	40.38	ug/l	90
82) 4-Chlorotoluene	12.743	91	440326	45.88	ug/l	97
83) tert-Butylbenzene	12.965	119	433652	45.47	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	533390	46.76	ug/l	99
85) sec-Butylbenzene	13.142	105	577233	44.83	ug/l	98
86) p-Isopropyltoluene	13.257	119	523177	46.02	ug/l	98
87) 1,3-Dichlorobenzene	13.251	146	261017	50.34	ug/l	98
88) 1,4-Dichlorobenzene	13.335	146	254964	48.46	ug/l	98
89) n-Butylbenzene	13.585	91	448812	43.94	ug/l	99
90) Hexachloroethane	13.843	117	83309	41.88	ug/l	95
91) 1,2-Dichlorobenzene	13.621	146	252197	49.03	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	31232	39.67	ug/l	99
93) 1,2,4-Trichlorobenzene	14.878	180	136705	44.27	ug/l	99
94) Hexachlorobutadiene	14.978	225	59097	46.48	ug/l	99
95) Naphthalene	15.100	128	437141	44.40	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	133937	43.99	ug/l	99

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

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