

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
 Data File : VN065619.D
 Acq On : 27 Jan 2021 10:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 28 12:59:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards					
1) Pentafluorobenzene	7.621	168	163710	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	290824	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.376	117	258141	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	112953	50.00 ug/l	0.00

System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	7.984	65	102995	47.82 ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	95.64%
35) Dibromofluoromethane	7.547	113	84236	48.88 ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	97.76%
50) Toluene-d8	10.055	98	327976	48.41 ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	96.82%
62) 4-Bromofluorobenzene	12.370	95	122318	50.14 ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	100.28%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.837	85	96409	52.57 ug/l	97
3) Chloromethane	2.036	50	134947	50.07 ug/l	100
4) Vinyl Chloride	2.168	62	136111	49.88 ug/l	100
5) Bromomethane	2.541	94	83060	52.58 ug/l	98
6) Chloroethane	2.679	64	81009	51.32 ug/l	99
7) Trichlorofluoromethane	2.994	101	146719	51.43 ug/l	97
8) Diethyl Ether	3.377	74	70121	51.56 ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.718	101	92537	53.45 ug/l	94
10) Methyl Iodide	3.907	142	131298	51.74 ug/l	98
11) Tert butyl alcohol	4.753	59	98901	245.15 ug/l	99
12) 1,1-Dichloroethene	3.695	96	95879	48.11 ug/l	94
13) Acrolein	3.570	56	85065	244.42 ug/l	100
14) Allyl chloride	4.271	41	196208	53.11 ug/l	91
15) Acrylonitrile	4.933	53	273605	260.33 ug/l	100
16) Acetone	3.779	43	238019	283.88 ug/l	99
17) Carbon Disulfide	4.007	76	290598	46.31 ug/l	98
18) Methyl Acetate	4.280	43	121703	51.80 ug/l	96
19) Methyl tert-butyl Ether	4.994	73	345873	51.99 ug/l	96
20) Methylene Chloride	4.499	84	115702	49.83 ug/l	95
21) trans-1,2-Dichloroethene	4.984	96	105659	49.89 ug/l	90
22) Diisopropyl ether	5.904	45	392897	52.03 ug/l	94
23) Vinyl Acetate	5.843	43	1602533	265.65 ug/l	98
24) 1,1-Dichloroethane	5.795	63	212515	52.79 ug/l	98
25) 2-Butanone	6.788	43	355821	270.65 ug/l	95
26) 2,2-Dichloropropane	6.772	77	167345	51.94 ug/l	99
27) cis-1,2-Dichloroethene	6.779	96	124782	51.42 ug/l	92
28) Bromochloromethane	7.145	49	79396	46.94 ug/l #	82
29) Tetrahydrofuran	7.168	42	234962	246.40 ug/l	95
30) Chloroform	7.325	83	194111	52.35 ug/l	99
31) Cyclohexane	7.608	56	195693	48.31 ug/l	94
32) 1,1,1-Trichloroethane	7.524	97	153666	50.91 ug/l	98
36) 1,1-Dichloropropene	7.750	75	154729	52.87 ug/l	96
37) Ethyl Acetate	6.881	43	152194	54.21 ug/l	99
38) Carbon Tetrachloride	7.730	117	127107	52.76 ug/l	98
39) Methylcyclohexane	9.042	83	182690	51.16 ug/l	95
40) Benzene	7.997	78	471673	52.78 ug/l	99
41) Methacrylonitrile	7.123	41	76115	50.49 ug/l #	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.084	62	147349	54.69	ug/l	99
43) Isopropyl Acetate	8.126	43	257316	51.68	ug/l #	92
44) Trichloroethene	8.798	130	112542	51.90	ug/l	92
45) 1,2-Dichloropropane	9.081	63	131038	53.29	ug/l	100
46) Dibromomethane	9.171	93	73342	53.99	ug/l	91
47) Bromodichloromethane	9.367	83	156581	53.73	ug/l	100
48) Methyl methacrylate	9.164	41	122336	51.80	ug/l	92
49) 1,4-Dioxane	9.171	88	39713	1039.13	ug/l	93
51) 4-Methyl-2-Pentanone	9.949	43	726648	264.76	ug/l	100
52) Toluene	10.119	92	280671	53.02	ug/l	99
53) t-1,3-Dichloropropene	10.348	75	183231	53.99	ug/l	97
54) cis-1,3-Dichloropropene	9.804	75	205636	54.40	ug/l	98
55) 1,1,2-Trichloroethane	10.528	97	108594	53.78	ug/l	96
56) Ethyl methacrylate	10.396	69	180279	53.99	ug/l	95
57) 1,3-Dichloropropane	10.672	76	194246	54.66	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	403097	261.38	ug/l	94
59) 2-Hexanone	10.720	43	514550	270.04	ug/l	99
60) Dibromochloromethane	10.868	129	111209	53.89	ug/l	99
61) 1,2-Dibromoethane	10.975	107	109565	54.44	ug/l	99
64) Tetrachloroethene	10.598	164	109590	50.66	ug/l	96
65) Chlorobenzene	11.402	112	286225	53.00	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	101597	53.22	ug/l	98
67) Ethyl Benzene	11.479	91	529689	52.21	ug/l	98
68) m/p-Xylenes	11.589	106	391324	106.55	ug/l	97
69) o-Xylene	11.917	106	185922	52.24	ug/l	95
70) Styrene	11.933	104	317505	54.20	ug/l	98
71) Bromoform	12.097	173	70328	53.29	ug/l #	97
73) Isopropylbenzene	12.219	105	493370	49.89	ug/l	99
74) N-ethyl acetate	12.039	43	219647	52.51	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.473	83	145660	49.87	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	154938m	52.46	ug/l	
77) Bromobenzene	12.495	156	108252	50.55	ug/l	74
78) n-propylbenzene	12.560	91	581646	49.91	ug/l	97
79) 2-Chlorotoluene	12.643	91	345684	49.94	ug/l	95
80) 1,3,5-Trimethylbenzene	12.701	105	413251	49.08	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	57919	50.23	ug/l	91
82) 4-Chlorotoluene	12.743	91	356166	50.40	ug/l	95
83) tert-Butylbenzene	12.965	119	338903	48.26	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	415721	49.50	ug/l	99
85) sec-Butylbenzene	13.142	105	456936	48.20	ug/l	98
86) p-Isopropyltoluene	13.257	119	411199	49.13	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	195747	51.28	ug/l	97
88) 1,4-Dichlorobenzene	13.331	146	193868	50.05	ug/l	97
89) n-Butylbenzene	13.585	91	375523	49.94	ug/l	98
90) Hexachloroethane	13.843	117	72281	49.35	ug/l	93
91) 1,2-Dichlorobenzene	13.624	146	194777	51.43	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	29739	51.31	ug/l	87
93) 1,2,4-Trichlorobenzene	14.878	180	112135	48.94	ug/l	100
94) Hexachlorobutadiene	14.978	225	43900	46.90	ug/l	99
95) Naphthalene	15.100	128	349479	47.91	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	108476	48.10	ug/l	100

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