

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031521\
 Data File : VN066198.D
 Acq On : 15 Mar 2021 10:43
 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

Quant Time: Mar 16 02:08:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 13:00:23 2021
 Response via : Initial Calibration

3/16/2021 4:37:32 PM

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	394079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	624334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	592747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.284	152	289169	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	305176	48.00	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.00%
35) Dibromofluoromethane	7.504	113	205835	48.86	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.72%
50) Toluene-d8	10.025	98	804640	47.16	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.32%
62) 4-Bromofluorobenzene	12.342	95	313180	49.90	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.80%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.818	85	193988	45.83	ug/l 100
3) Chloromethane	2.019	50	346240	51.95	ug/l 100
4) Vinyl Chloride	2.148	62	306548	52.68	ug/l 99
5) Bromomethane	2.507	94	171515	50.63	ug/l 96
6) Chloroethane	2.650	64	175384	51.95	ug/l 98
7) Trichlorofluoromethane	2.961	101	362071	53.09	ug/l 98
8) Diethyl Ether	3.342	74	142234	52.68	ug/l 94
9) 1,1,2-Trichlorotrifluo...	3.677	101	186091	53.00	ug/l 99
10) Methyl Iodide	3.867	142	261995	56.38	ug/l 98
11) Tert butyl alcohol	4.707	59	272304	279.14	ug/l 99
12) 1,1-Dichloroethene	3.655	96	190081	51.95	ug/l 98
13) Acrolein	3.529	56	254392	235.40	ug/l 99
14) Allyl chloride	4.224	41	535444	54.48	ug/l 99
15) Acrylonitrile	4.878	53	816549	283.54	ug/l 99
16) Acetone	3.736	43	748683	279.56	ug/l 100
17) Carbon Disulfide	3.961	76	553776	50.18	ug/l 98
18) Methyl Acetate	4.232	43	451794	57.63	ug/l 99
19) Methyl tert-butyl Ether	4.940	73	799943	55.81	ug/l 99
20) Methylene Chloride	4.449	84	239906	50.90	ug/l 96
21) trans-1,2-Dichloroethene	4.932	96	217971	52.50	ug/l 96
22) Diisopropyl ether	5.855	45	1062553	55.26	ug/l 99
23) Vinyl Acetate	5.793	43	4528462	283.77	ug/l 99
24) 1,1-Dichloroethane	5.742	63	492992	52.54	ug/l 100
25) 2-Butanone	6.740	43	1208780	252.11	ug/l 100
26) 2,2-Dichloropropane	6.721	77	406085	49.49	ug/l 99
27) cis-1,2-Dichloroethene	6.729	96	264637	52.27	ug/l 97
28) Bromochloromethane	7.099	49	262409	49.83	ug/l 97
29) Tetrahydrofuran	7.123	42	824052	258.33	ug/l 100
30) Chloroform	7.284	83	449601	50.06	ug/l 95
31) Cyclohexane	7.566	56	443876	47.57	ug/l 99
32) 1,1,1-Trichloroethane	7.483	97	375340	49.00	ug/l 100
36) 1,1-Dichloropropene	7.708	75	335878	50.92	ug/l 99
37) Ethyl Acetate	6.836	43	480839	52.26	ug/l 98
38) Carbon Tetrachloride	7.689	117	304172	49.44	ug/l 97
39) Methylcyclohexane	9.011	83	381074	49.81	ug/l 98
40) Benzene	7.960	78	1018711	51.04	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.075	41	238361	48.65	ug/l	95
42) 1,2-Dichloroethane	8.043	62	388658	50.66	ug/l	98
43) Isopropyl Acetate	8.089	43	799437	51.51	ug/l	98
44) Trichloroethene	8.762	130	242247	49.79	ug/l	100
45) 1,2-Dichloropropane	9.046	63	303762	49.27	ug/l	98
46) Dibromomethane	9.137	93	170606	50.06	ug/l	98
47) Bromodichloromethane	9.336	83	361545	49.03	ug/l	97
48) Methyl methacrylate	9.132	41	380123	51.88	ug/l	99
49) 1,4-Dioxane	9.132	88	85377	1089.44	ug/l	99
51) 4-Methyl-2-Pentanone	9.920	43	2495790	265.80	ug/l	100
52) Toluene	10.089	92	610011	50.75	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	429591	51.52	ug/l	100
54) cis-1,3-Dichloropropene	9.773	75	455451	50.38	ug/l	99
55) 1,1,2-Trichloroethane	10.500	97	243341	49.33	ug/l	98
56) Ethyl methacrylate	10.368	69	412917	46.91	ug/l	99
57) 1,3-Dichloropropane	10.645	76	451325	50.34	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.628	63	555803	208.04	ug/l	99
59) 2-Hexanone	10.690	43	1838112	254.51	ug/l	100
60) Dibromochloromethane	10.840	129	260619	50.97	ug/l	100
61) 1,2-Dibromoethane	10.945	107	252546	50.68	ug/l	100
64) Tetrachloroethene	10.569	164	258985	50.43	ug/l	98
65) Chlorobenzene	11.371	112	643007	52.92	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.449	131	244395	52.02	ug/l	99
67) Ethyl Benzene	11.452	91	1194531	54.14	ug/l	99
68) m/p-Xylenes	11.559	106	879176	107.47	ug/l	99
69) o-Xylene	11.889	106	425979	53.62	ug/l	98
70) Styrene	11.905	104	724316	48.95	ug/l	99
71) Bromoform	12.069	173	199038	49.17	ug/l #	99
73) Isopropylbenzene	12.192	105	1144005	52.44	ug/l	98
74) N-amyl acetate	12.012	43	597993	49.62	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	401014	50.80	ug/l	99
76) 1,2,3-Trichloropropane	12.495	75	372032m	54.59	ug/l	
77) Bromobenzene	12.466	156	289813	53.04	ug/l	98
78) n-propylbenzene	12.533	91	1365140	54.22	ug/l	99
79) 2-Chlorotoluene	12.616	91	818710	51.88	ug/l	99
80) 1,3,5-Trimethylbenzene	12.675	105	978077	53.74	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	133659	51.65	ug/l	99
82) 4-Chlorotoluene	12.715	91	844796	54.27	ug/l	100
83) tert-Butylbenzene	12.935	119	817516	53.28	ug/l	99
84) 1,2,4-Trimethylbenzene	12.981	105	974944	54.09	ug/l	100
85) sec-Butylbenzene	13.112	105	1099701	53.70	ug/l	100
86) p-Isopropyltoluene	13.230	119	976283	54.06	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	496464	52.49	ug/l	98
88) 1,4-Dichlorobenzene	13.305	146	486732	50.16	ug/l	98
89) n-Butylbenzene	13.557	91	850093	52.79	ug/l	99
90) Hexachloroethane	13.812	117	152904	52.73	ug/l	98
91) 1,2-Dichlorobenzene	13.592	146	474393	50.94	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.209	75	75187	46.12	ug/l	94
93) 1,2,4-Trichlorobenzene	14.847	180	271305	44.36	ug/l	99
94) Hexachlorobutadiene	14.946	225	145980	45.54	ug/l	99
95) Naphthalene	15.067	128	810155	45.54	ug/l	100
96) 1,2,3-Trichlorobenzene	15.244	180	282062	46.11	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

