

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX062218\
 Data File : VX002829.D
 Acq On : 22 Jun 2018 11:51
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 22 13:45:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	115	0.00
2 M	Dichlorodifluoromethane	20.000	23.890	-19.5	138	0.00
3 M	Chloromethane	20.000	22.344	-11.7	125	0.00
4 M	Vinyl Chloride	20.000	21.990	-9.9	124	0.00
5 M	Bromomethane	20.000	16.393	18.0	94	0.00
6 M	Chloroethane	20.000	20.821	-4.1	116	0.02
7 M	Trichlorofluoromethane	20.000	21.446	-7.2	119	0.01
8 T	Diethyl Ether	20.000	21.262	-6.3	119	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.509	-7.5	123	0.00
10 M	1,1-Dichloroethene	20.000	20.957	-4.8	118	0.00
11	Methyl Iodide	20.000	19.878	0.6	136	0.00
12	Methyl Acetate	20.000	21.521	-7.6	115	0.00
13 M	Acrolein	100.000	70.729	29.3	94	0.00
14 M	Acrylonitrile	100.000	101.073	-1.1	112	-0.01
15 M	Acetone	100.000	104.748	-4.7	111	-0.01
16 M	Carbon Disulfide	20.000	21.388	-6.9	127	0.01
17	Allyl chloride	20.000	20.722	-3.6	116	0.00
18 M	Methylene Chloride	20.000	20.906	-4.5	118	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.386	-6.9	121	0.00
20 T	Diisopropyl ether	20.000	21.728	-8.6	126	-0.01
21 M	1,1-Dichloroethane	20.000	21.853	-9.3	115	0.00
22 M	cis-1,2-Dichloroethene	20.000	22.261	-11.3	125	0.00
23 M	tert-Butyl Alcohol	100.000	102.302	-2.3	110	-0.04
24 M	Methyl tert-Butyl Ether	20.000	20.210	-1.1	114	-0.01
25 M	Chloroform	20.000	22.280	-11.4	124	0.00
26	Cyclohexane	20.000	21.541	-7.7	122	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.068	-0.2	115	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	114	0.00
29	1,1-Dichloropropene	20.000	22.179	-10.9	125	0.00
30 M	2-Butanone	100.000	109.244	-9.2	121	-0.02
31	2,2-Dichloropropane	20.000	22.640	-13.2	126	0.00
32 M	1,1,1-Trichloroethane	20.000	22.042	-10.2	124	0.00
33 M	Carbon Tetrachloride	20.000	21.955	-9.8	127	0.00
34 M	Benzene	20.000	22.114	-10.6	124	0.00
35	Methacrylonitrile	20.000	21.522	-7.6	118	0.00
36 M	1,2-Dichloroethane	20.000	22.538	-12.7	125	0.00
37 M	Trichloroethene	20.000	22.383	-11.9	127	0.00
38	Methylcyclohexane	20.000	21.769	-8.8	126	0.00
39 M	1,2-Dichloropropane	20.000	21.603	-8.0	119	0.00
40	Dibromomethane	20.000	22.153	-10.8	124	0.00
41 M	Bromodichloromethane	20.000	21.776	-8.9	126	0.00
42 M	Vinyl Acetate	100.000	109.207	-9.2	125	0.00
43	Ethyl Acetate	20.000	21.823	-9.1	120	-0.01
44	Isopropyl Acetate	20.000	21.326	-6.6	121	-0.01
45 T	1,4-Dioxane	400.000	434.515	-8.6	117	0.00

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 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	21.925	-9.6	122	0.00
47	n-amyl Acetate	20.000	20.639	-3.2	122	0.00
48 M	t-1,3-Dichloropropene	20.000	21.525	-7.6	124	0.00
49 T	cis-1,3-Dichloropropene	20.000	21.206	-6.0	128	0.00
50 M	1,1,2-Trichloroethane	20.000	22.118	-10.6	125	0.00
51	Ethyl methacrylate	20.000	21.007	-5.0	121	0.00
52	1,3-Dichloropropane	20.000	22.135	-10.7	124	0.00
53 M	Dibromochloromethane	20.000	21.443	-7.2	130	0.00
54 M	1,2-Dibromoethane	20.000	21.716	-8.6	124	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.042	3.0	111	0.00
56 M	Bromoform	20.000	19.733	1.3	125	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	115	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.784	-6.8	119	0.00
59 M	2-Hexanone	100.000	107.773	-7.8	119	0.00
60 S	4-Bromofluorobenzene	30.000	29.874	0.4	117	0.00
61 M	Tetrachloroethene	20.000	24.880	-24.4	140	0.00
62 M	Toluene	20.000	22.154	-10.8	123	0.00
63 S	Toluene-d8	30.000	30.304	-1.0	114	0.00
64 M	Chlorobenzene	20.000	22.005	-10.0	124	0.00
65	1,1,1,2-Tetrachloroethane	20.000	22.199	-11.0	126	0.00
66 M	Ethyl Benzene	20.000	21.979	-9.9	123	0.00
67 M	m/p-Xylenes	40.000	43.554	-8.9	123	0.00
68 M	o-Xylene	20.000	21.823	-9.1	124	0.00
69 M	Styrene	20.000	21.627	-8.1	126	0.00
70	Isopropylbenzene	20.000	21.741	-8.7	124	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.079	-5.4	118	0.00
72	1,2,3-Trichloropropane	20.000	21.917	-9.6	121	0.00
73	Bromobenzene	20.000	21.666	-8.3	124	0.00
74	n-propylbenzene	20.000	21.855	-9.3	125	0.00
75	2-Chlorotoluene	20.000	22.111	-10.6	126	0.00
76	1,3,5-Trimethylbenzene	20.000	21.698	-8.5	125	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.026	4.9	116	0.00
78	4-Chlorotoluene	20.000	22.010	-10.1	129	0.00
79	tert-butylbenzene	20.000	21.284	-6.4	123	0.00
80	1,2,4-Trimethylbenzene	20.000	21.818	-9.1	125	0.00
81	sec-Butylbenzene	20.000	21.560	-7.8	123	0.00
82	p-Isopropyltoluene	20.000	21.284	-6.4	123	0.00
83 M	1,3-Dichlorobenzene	20.000	21.475	-7.4	124	0.00
84 M	1,4-Dichlorobenzene	20.000	21.613	-8.1	127	0.00
85	n-Butylbenzene	20.000	20.979	-4.9	125	0.00
86 T	Hexachloroethane	20.000	19.189	4.1	119	0.00
87 M	1,2-Dichlorobenzene	20.000	21.551	-7.8	124	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.022	-0.1	122	0.00
89	1,2,4-Trichlorobenzene	20.000	21.127	-5.6	123	0.00
90	Hexachlorobutadiene	20.000	21.552	-7.8	127	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	21.156	-5.8	122	0.00
92	1,2,3-Trichlorobenzene	20.000	21.334	-6.7	125	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0