

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX060818\
 Data File : VX002392.D
 Acq On : 08 Jun 2018 09:40
 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 08 13:10:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X052518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 25 02:17:15 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	73	0.00
2 M	Dichlorodifluoromethane	20.000	24.426	-22.1	94	0.00
3 M	Chloromethane	20.000	22.841	-14.2	88	0.00
4 M	Vinyl Chloride	20.000	25.484	-27.4	97	0.00
5 M	Bromomethane	20.000	25.143	-25.7	91	0.00
6 M	Chloroethane	20.000	28.144	-40.7#	106	0.00
7 M	Trichlorofluoromethane	20.000	28.533	-42.7#	107	0.00
8 T	Diethyl Ether	20.000	26.462	-32.3#	101	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	31.219	-56.1#	118	0.00
10 M	1,1-Dichloroethene	20.000	27.482	-37.4#	104	0.00
11	Methyl Iodide	20.000	15.654	21.7	63	0.00
12	Methyl Acetate	20.000	23.164	-15.8	89	0.00
13 M	Acrolein	100.000	90.274	9.7	71	0.00
14 M	Acrylonitrile	100.000	116.902	-16.9	89	0.00
15 M	Acetone	100.000	153.349	-53.3#	116	0.00
16 M	Carbon Disulfide	20.000	22.365	-11.8	86	0.00
17	Allyl chloride	20.000	26.126	-30.6#	98	0.00
18 M	Methylene Chloride	20.000	27.572	-37.9#	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	26.926	-34.6#	102	0.00
20 T	Diisopropyl ether	20.000	26.828	-34.1#	102	-0.01
21 M	1,1-Dichloroethane	20.000	27.034	-35.2#	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	23.206	-16.0	90	0.00
23 M	tert-Butyl Alcohol	100.000	102.856	-2.9	77	-0.02
24 M	Methyl tert-Butyl Ether	20.000	25.834	-29.2	97	-0.01
25 M	Chloroform	20.000	23.186	-15.9	89	0.00
26	Cyclohexane	20.000	23.354	-16.8	89	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.226	-4.1	78	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	80	0.00
29	1,1-Dichloropropene	20.000	22.390	-12.0	92	0.00
30 M	2-Butanone	100.000	93.739	6.3	76	-0.02
31	2,2-Dichloropropane	20.000	27.721	-38.6#	110	0.00
32 M	1,1,1-Trichloroethane	20.000	20.289	-1.4	83	-0.01
33 M	Carbon Tetrachloride	20.000	19.597	2.0	79	0.00
34 M	Benzene	20.000	21.734	-8.7	88	0.00
35	Methacrylonitrile	20.000	17.838	10.8	74	-0.01
36 M	1,2-Dichloroethane	20.000	22.248	-11.2	90	0.00
37 M	Trichloroethene	20.000	21.822	-9.1	88	0.00
38	Methylcyclohexane	20.000	24.096	-20.5	99	0.00
39 M	1,2-Dichloropropane	20.000	20.984	-4.9	85	0.00
40	Dibromomethane	20.000	21.415	-7.1	87	0.00
41 M	Bromodichloromethane	20.000	18.885	5.6	77	0.00
42 M	Vinyl Acetate	100.000	122.317	-22.3	97	0.00
43	Ethyl Acetate	20.000	17.109	14.5	69	-0.01
44	Isopropyl Acetate	20.000	17.861	10.7	73	-0.02
45 T	1,4-Dioxane	400.000	357.505	10.6	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.670	11.6	72	0.00
47	n-amyl Acetate	20.000	17.942	10.3	75	0.00
48 M	t-1,3-Dichloropropene	20.000	20.060	-0.3	82	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.054	4.7	79	0.00
50 M	1,1,2-Trichloroethane	20.000	22.087	-10.4	92	0.00
51	Ethyl methacrylate	20.000	19.314	3.4	80	0.00
52	1,3-Dichloropropane	20.000	21.536	-7.7	88	0.00
53 M	Dibromochloromethane	20.000	17.661	11.7	74	0.00
54 M	1,2-Dibromoethane	20.000	20.858	-4.3	86	0.00
55 M	2-Chloroethyl vinyl ether	100.000	85.533	14.5	67	0.00
56 M	Bromoform	20.000	14.940	25.3	64	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	100.000	85.907	14.1	73	0.00
59 M	2-Hexanone	100.000	88.600	11.4	76	0.00
60 S	4-Bromofluorobenzene	30.000	29.597	1.3	86	0.00
61 M	Tetrachloroethene	20.000	20.437	-2.2	87	0.00
62 M	Toluene	20.000	21.482	-7.4	94	0.00
63 S	Toluene-d8	30.000	28.095	6.4	80	0.00
64 M	Chlorobenzene	20.000	21.705	-8.5	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.118	4.4	83	0.00
66 M	Ethyl Benzene	20.000	21.600	-8.0	95	0.00
67 M	m/p-Xylenes	40.000	44.327	-10.8	98	0.00
68 M	o-Xylene	20.000	21.660	-8.3	95	0.00
69 M	Styrene	20.000	21.326	-6.6	96	0.00
70	Isopropylbenzene	20.000	22.292	-11.5	98	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.595	2.0	88	0.00
72	1,2,3-Trichloropropane	20.000	18.453	7.7	73	0.00
73	Bromobenzene	20.000	21.354	-6.8	96	0.00
74	n-propylbenzene	20.000	23.101	-15.5	102	0.00
75	2-Chlorotoluene	20.000	21.775	-8.9	97	0.00
76	1,3,5-Trimethylbenzene	20.000	22.286	-11.4	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.283	23.6	68	0.00
78	4-Chlorotoluene	20.000	22.274	-11.4	101	0.00
79	tert-butylbenzene	20.000	23.496	-17.5	106	0.00
80	1,2,4-Trimethylbenzene	20.000	22.489	-12.4	100	0.00
81	sec-Butylbenzene	20.000	23.277	-16.4	103	0.00
82	p-Isopropyltoluene	20.000	23.496	-17.5	106	0.00
83 M	1,3-Dichlorobenzene	20.000	22.701	-13.5	104	0.00
84 M	1,4-Dichlorobenzene	20.000	22.855	-14.3	106	0.00
85	n-Butylbenzene	20.000	24.083	-20.4	111	0.00
86 T	Hexachloroethane	20.000	16.339	18.3	74	0.00
87 M	1,2-Dichlorobenzene	20.000	22.379	-11.9	103	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	14.116	29.4	64	0.00
89	1,2,4-Trichlorobenzene	20.000	22.984	-14.9	109	0.00
90	Hexachlorobutadiene	20.000	24.076	-20.4	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.688	1.6	89	0.00
92	1,2,3-Trichlorobenzene	20.000	22.452	-12.3	103	0.00

(#) = Out of Range

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