

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX120919\
 Data File : VX013846.D
 Acq On : 09 Dec 2019 11:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 10 03:42:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	83	0.00
2 T	Dichlorodifluoromethane	50.000	43.713	12.6	71	0.00
3 P	Chloromethane	50.000	43.711	12.6	73	0.00
4 C	Vinyl Chloride	50.000	45.205	9.6#	73	0.00
5 T	Bromomethane	50.000	42.784	14.4	77	0.00
6 T	Chloroethane	50.000	44.709	10.6	78	0.00
7 T	Trichlorofluoromethane	50.000	44.234	11.5	77	0.00
8 T	Diethyl Ether	50.000	48.741	2.5	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.989	8.0	80	0.00
10 T	Methyl Iodide	50.000	42.451	15.1	67	0.00
11 T	Tert butyl alcohol	250.000	221.475	11.4	79	0.00
12 CM	1,1-Dichloroethene	50.000	44.528	10.9#	76	0.00
13 T	Acrolein	250.000	400.975	-60.4#	135	0.00
14 T	Allyl chloride	50.000	47.563	4.9	80	0.00
15 T	Acrylonitrile	250.000	248.276	0.7	84	0.00
16 T	Acetone	250.000	269.044	-7.6	91	0.00
17 T	Carbon Disulfide	50.000	41.100	17.8	72	0.00
18 T	Methyl Acetate	50.000	52.655	-5.3	86	0.00
19 T	Methyl tert-butyl Ether	50.000	50.468	-0.9	85	0.00
20 T	Methylene Chloride	50.000	46.857	6.3	83	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.225	9.5	78	0.00
22 T	Diisopropyl ether	50.000	50.776	-1.6	85	0.00
23 T	Vinyl Acetate	250.000	254.364	-1.7	84	0.00
24 P	1,1-Dichloroethane	50.000	48.816	2.4	83	0.00
25 T	2-Butanone	250.000	257.936	-3.2	85	0.00
26 T	2,2-Dichloropropane	50.000	46.007	8.0	79	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.902	6.2	81	0.00
28 T	Bromochloromethane	50.000	52.657	-5.3	87	0.00
29 T	Tetrahydrofuran	250.000	253.371	-1.3	83	0.00
30 C	Chloroform	50.000	46.985	6.0#	82	0.00
31 T	Cyclohexane	50.000	43.983	12.0	76	0.00
32 T	1,1,1-Trichloroethane	50.000	46.321	7.4	79	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.072	5.9	82	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35 S	Dibromofluoromethane	50.000	48.969	2.1	84	0.00
36 T	1,1-Dichloropropene	50.000	46.044	7.9	77	0.00
37 T	Ethyl Acetate	50.000	52.293	-4.6	83	0.00
38 T	Carbon Tetrachloride	50.000	47.867	4.3	78	0.00
39 T	Methylcyclohexane	50.000	45.112	9.8	76	0.00
40 TM	Benzene	50.000	47.673	4.7	80	0.00
41 T	Methacrylonitrile	50.000	53.572	-7.1	85	0.00
42 TM	1,2-Dichloroethane	50.000	50.213	-0.4	84	0.00
43 T	Isopropyl Acetate	50.000	51.473	-2.9	85	0.00
44 TM	Trichloroethene	50.000	46.344	7.3	78	0.00
45 C	1,2-Dichloropropane	50.000	50.862	-1.7#	84	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.341	1.3	84	0.00
47 T	Bromodichloromethane	50.000	52.225	-4.5	85	0.00
48 T	Methyl methacrylate	50.000	52.897	-5.8	84	0.00
49 T	1,4-Dioxane	1000.000	910.201	9.0	75	0.00
50 S	Toluene-d8	50.000	46.030	7.9	79	0.00
51 T	4-Methyl-2-Pentanone	250.000	260.223	-4.1	85	0.00
52 CM	Toluene	50.000	48.143	3.7#	80	0.00
53 T	t-1,3-Dichloropropene	50.000	51.032	-2.1	83	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.956	-3.9	83	0.00
55 T	1,1,2-Trichloroethane	50.000	52.211	-4.4	86	0.00
56 T	Ethyl methacrylate	50.000	52.665	-5.3	86	0.00
57 T	1,3-Dichloropropane	50.000	50.488	-1.0	85	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	244.455	2.2	80	0.00
59 T	2-Hexanone	250.000	258.285	-3.3	84	0.00
60 T	Dibromochloromethane	50.000	52.771	-5.5	85	0.00
61 T	1,2-Dibromoethane	50.000	50.009	-0.0	84	0.00
62 S	4-Bromofluorobenzene	50.000	47.723	4.6	82	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64 T	Tetrachloroethene	50.000	46.192	7.6	81	0.00
65 PM	Chlorobenzene	50.000	47.551	4.9	82	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.395	-0.8	83	0.00
67 C	Ethyl Benzene	50.000	48.458	3.1#	80	0.00
68 T	m/p-Xylenes	100.000	97.030	3.0	81	0.00
69 T	o-Xylene	50.000	48.897	2.2	81	0.00
70 T	Styrene	50.000	50.183	-0.4	82	0.00
71 P	Bromoform	50.000	52.327	-4.7	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73 T	Isopropylbenzene	50.000	46.839	6.3	80	0.00
74 T	N-amyl acetate	50.000	51.081	-2.2	83	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.092	-0.2	85	0.00
76 T	1,2,3-Trichloropropane	50.000	51.234	-2.5	85	0.00
77 T	Bromobenzene	50.000	46.344	7.3	81	0.00
78 T	n-propylbenzene	50.000	48.191	3.6	81	0.00
79 T	2-Chlorotoluene	50.000	47.848	4.3	82	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.541	2.9	82	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.969	-1.9	85	0.00
82 T	4-Chlorotoluene	50.000	47.669	4.7	82	0.00
83 T	tert-Butylbenzene	50.000	48.014	4.0	81	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.329	3.3	82	0.00
85 T	sec-Butylbenzene	50.000	47.877	4.2	81	0.00
86 T	p-Isopropyltoluene	50.000	48.182	3.6	81	0.00
87 T	1,3-Dichlorobenzene	50.000	47.441	5.1	82	0.00
88 T	1,4-Dichlorobenzene	50.000	46.454	7.1	83	0.00
89 T	n-Butylbenzene	50.000	49.190	1.6	82	0.00

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90 T	Hexachloroethane	50.000	48.269	3.5	83	0.00
91 T	1,2-Dichlorobenzene	50.000	48.903	2.2	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.297	1.4	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.167	3.7	82	0.00
94 T	Hexachlorobutadiene	50.000	45.038	9.9	83	0.00
95 T	Naphthalene	50.000	51.169	-2.3	83	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.410	3.2	84	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6