

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\ VX122719\  
 Data File : VX014341.D  
 Acq On : 28 Dec 2019 04:56  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Dec 30 07:10:33 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121319W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 17 03:01:07 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	82	0.00
2 T	Dichlorodifluoromethane	50.000	41.548	16.9	71	0.00
3 P	Chloromethane	50.000	45.868	8.3	78	0.00
4 C	Vinyl Chloride	50.000	46.258	7.5#	80	0.00
5 T	Bromomethane	50.000	43.438	13.1	77	0.00
6 T	Chloroethane	50.000	48.296	3.4	83	0.01
7 T	Trichlorofluoromethane	50.000	47.799	4.4	82	0.00
8 T	Diethyl Ether	50.000	48.774	2.5	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.750	4.5	83	0.00
10 T	Methyl Iodide	50.000	47.181	5.6	79	0.00
11 T	Tert butyl alcohol	250.000	231.840	7.3	83	-0.01
12 CM	1,1-Dichloroethene	50.000	47.551	4.9#	82	0.00
13 T	Acrolein	250.000	252.732	-1.1	90	0.00
14 T	Allyl chloride	50.000	48.573	2.9	82	0.00
15 T	Acrylonitrile	250.000	263.144	-5.3	91	0.00
16 T	Acetone	250.000	201.676	19.3	67	0.00
17 T	Carbon Disulfide	50.000	42.223	15.6	72	0.00
18 T	Methyl Acetate	50.000	58.015	-16.0	101	0.00
19 T	Methyl tert-butyl Ether	50.000	51.491	-3.0	87	0.00
20 T	Methylene Chloride	50.000	47.463	5.1	86	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.933	6.1	82	0.00
22 T	Diisopropyl ether	50.000	52.351	-4.7	89	0.00
23 T	Vinyl Acetate	250.000	145.315	41.9#	48	0.00
24 P	1,1-Dichloroethane	50.000	50.149	-0.3	87	0.00
25 T	2-Butanone	250.000	240.953	3.6	80	0.00
26 T	2,2-Dichloropropane	50.000	36.642	26.7#	62	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.099	1.8	85	0.00
28 T	Bromochloromethane	50.000	54.780	-9.6	89	0.00
29 T	Tetrahydrofuran	250.000	264.296	-5.7	90	0.00
30 C	Chloroform	50.000	51.156	-2.3#	86	0.00
31 T	Cyclohexane	50.000	48.065	3.9	80	0.00
32 T	1,1,1-Trichloroethane	50.000	49.478	1.0	84	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.018	-2.0	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35 S	Dibromofluoromethane	50.000	50.398	-0.8	85	0.00
36 T	1,1-Dichloropropene	50.000	48.081	3.8	83	0.00
37 T	Ethyl Acetate	50.000	50.965	-1.9	86	0.00
38 T	Carbon Tetrachloride	50.000	49.060	1.9	82	0.00
39 T	Methylcyclohexane	50.000	45.682	8.6	79	0.00
40 TM	Benzene	50.000	49.315	1.4	86	0.00
41 T	Methacrylonitrile	50.000	52.473	-4.9	91	0.00
42 TM	1,2-Dichloroethane	50.000	49.963	0.1	87	0.00
43 T	Isopropyl Acetate	50.000	51.230	-2.5	87	0.00
44 TM	Trichloroethene	50.000	52.663	-5.3	95	0.00
45 C	1,2-Dichloropropane	50.000	51.541	-3.1#	89	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.454	3.1	86	0.00
47 T	Bromodichloromethane	50.000	51.775	-3.5	88	0.00
48 T	Methyl methacrylate	50.000	50.669	-1.3	85	0.00
49 T	1,4-Dioxane	1000.000	911.953	8.8	81	0.00
50 S	Toluene-d8	50.000	50.625	-1.3	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.717	-2.7	88	0.00
52 CM	Toluene	50.000	48.601	2.8#	84	0.00
53 T	t-1,3-Dichloropropene	50.000	49.521	1.0	80	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.123	1.8	80	0.00
55 T	1,1,2-Trichloroethane	50.000	50.597	-1.2	88	0.00
56 T	Ethyl methacrylate	50.000	51.393	-2.8	85	0.00
57 T	1,3-Dichloropropane	50.000	50.652	-1.3	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	267.031	-6.8	86	0.00
59 T	2-Hexanone	250.000	245.808	1.7	82	0.00
60 T	Dibromochloromethane	50.000	52.779	-5.6	87	0.00
61 T	1,2-Dibromoethane	50.000	50.774	-1.5	86	0.00
62 S	4-Bromofluorobenzene	50.000	49.562	0.9	82	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	68.751	-37.5#	120	0.00
65 PM	Chlorobenzene	50.000	48.407	3.2	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.395	-0.8	86	0.00
67 C	Ethyl Benzene	50.000	49.366	1.3#	83	0.00
68 T	m/p-Xylenes	100.000	97.422	2.6	83	0.00
69 T	o-Xylene	50.000	49.216	1.6	84	0.00
70 T	Styrene	50.000	49.514	1.0	82	0.00
71 P	Bromoform	50.000	51.059	-2.1	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73 T	Isopropylbenzene	50.000	51.629	-3.3	84	0.00
74 T	N-amyl acetate	50.000	51.248	-2.5	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.782	12.4	72	0.00
76 T	1,2,3-Trichloropropane	50.000	45.826	8.3	73	0.00
77 T	Bromobenzene	50.000	48.670	2.7	84	0.00
78 T	n-propylbenzene	50.000	51.693	-3.4	83	0.00
79 T	2-Chlorotoluene	50.000	50.750	-1.5	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.633	-3.3	84	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.066	5.9	72	0.00
82 T	4-Chlorotoluene	50.000	50.367	-0.7	84	0.00
83 T	tert-Butylbenzene	50.000	44.616	10.8	73	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.989	-2.0	82	0.00
85 T	sec-Butylbenzene	50.000	51.634	-3.3	84	0.00
86 T	p-Isopropyltoluene	50.000	51.081	-2.2	82	0.00
87 T	1,3-Dichlorobenzene	50.000	48.678	2.6	83	0.00
88 T	1,4-Dichlorobenzene	50.000	47.365	5.3	82	0.00
89 T	n-Butylbenzene	50.000	51.258	-2.5	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.627	0.7	79	0.00
91 T	1,2-Dichlorobenzene	50.000	48.546	2.9	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.397	7.2	80	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.701	0.6	82	0.00
94 T	Hexachlorobutadiene	50.000	48.250	3.5	82	0.00
95 T	Naphthalene	50.000	52.649	-5.3	83	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.243	-2.5	83	0.00

(#) = Out of Range

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