

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX042220\  
 Data File : VX015877.D  
 Acq On : 23 Apr 2020 06:13  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Apr 23 08:22:11 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042220W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 23 04:36:12 2020  
 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	56.276	-12.6	96	0.00
3 P	Chloromethane	50.000	50.027	-0.1	94	0.00
4 C	Vinyl Chloride	50.000	49.979	0.0#	96	0.00
5 T	Bromomethane	50.000	54.362	-8.7	92	0.00
6 T	Chloroethane	50.000	52.534	-5.1	101	0.00
7 T	Trichlorofluoromethane	50.000	53.718	-7.4	99	0.00
8 T	Diethyl Ether	50.000	52.351	-4.7	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.789	0.4	99	0.00
10 T	Methyl Iodide	50.000	46.277	7.4	89	0.00
11 T	Tert butyl alcohol	250.000	266.056	-6.4	102	0.00
12 CM	1,1-Dichloroethene	50.000	51.814	-3.6#	99	0.00
13 T	Acrolein	250.000	165.776	33.7#	66	0.00
14 T	Allyl chloride	50.000	50.897	-1.8	96	0.00
15 T	Acrylonitrile	250.000	269.992	-8.0	101	0.00
16 T	Acetone	250.000	248.693	0.5	103	0.00
17 T	Carbon Disulfide	50.000	37.855	24.3#	92	0.00
18 T	Methyl Acetate	50.000	51.534	-3.1	101	0.00
19 T	Methyl tert-butyl Ether	50.000	53.921	-7.8	102	0.00
20 T	Methylene Chloride	50.000	51.136	-2.3	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.820	-3.6	101	0.00
22 T	Diisopropyl ether	50.000	53.328	-6.7	102	0.00
23 T	Vinyl Acetate	250.000	266.830	-6.7	101	0.00
24 P	1,1-Dichloroethane	50.000	53.229	-6.5	102	0.00
25 T	2-Butanone	250.000	265.442	-6.2	102	0.00
26 T	2,2-Dichloropropane	50.000	37.195	25.6#	71	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.812	-5.6	102	0.00
28 T	Bromochloromethane	50.000	47.541	4.9	102	0.00
29 T	Tetrahydrofuran	250.000	263.594	-5.4	100	0.00
30 C	Chloroform	50.000	51.676	-3.4#	101	0.00
31 T	Cyclohexane	50.000	52.239	-4.5	100	0.00
32 T	1,1,1-Trichloroethane	50.000	52.760	-5.5	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.169	-0.3	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	49.346	1.3	102	0.00
36 T	1,1-Dichloropropene	50.000	50.693	-1.4	99	0.00
37 T	Ethyl Acetate	50.000	50.656	-1.3	102	0.00
38 T	Carbon Tetrachloride	50.000	52.968	-5.9	102	0.00
39 T	Methylcyclohexane	50.000	47.405	5.2	96	0.00
40 TM	Benzene	50.000	50.683	-1.4	102	0.00
41 T	Methacrylonitrile	50.000	52.853	-5.7	102	0.00
42 TM	1,2-Dichloroethane	50.000	50.316	-0.6	102	0.00
43 T	Isopropyl Acetate	50.000	51.025	-2.0	101	0.00
44 TM	Trichloroethene	50.000	47.600	4.8	94	0.00
45 C	1,2-Dichloropropane	50.000	51.052	-2.1#	101	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	47.394	5.2	97	0.00
47 T	Bromodichloromethane	50.000	52.158	-4.3	102	0.00
48 T	Methyl methacrylate	50.000	51.239	-2.5	100	0.00
49 T	1,4-Dioxane	1000.000	978.952	2.1	103	0.00
50 S	Toluene-d8	50.000	47.606	4.8	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.993	-2.8	101	0.00
52 CM	Toluene	50.000	49.815	0.4#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	48.402	3.2	96	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.812	4.4	95	0.00
55 T	1,1,2-Trichloroethane	50.000	50.954	-1.9	99	0.00
56 T	Ethyl methacrylate	50.000	51.152	-2.3	101	0.00
57 T	1,3-Dichloropropane	50.000	50.125	-0.3	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	251.948	-0.8	99	0.00
59 T	2-Hexanone	250.000	255.119	-2.0	100	0.00
60 T	Dibromochloromethane	50.000	54.882	-9.8	110	0.00
61 T	1,2-Dibromoethane	50.000	48.995	2.0	99	0.00
62 S	4-Bromofluorobenzene	50.000	47.629	4.7	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	43.928	12.1	90	0.00
65 PM	Chlorobenzene	50.000	49.910	0.2	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.151	-4.3	102	0.00
67 C	Ethyl Benzene	50.000	51.791	-3.6#	103	0.00
68 T	m/p-Xylenes	100.000	101.982	-2.0	101	0.00
69 T	o-Xylene	50.000	49.442	1.1	100	0.00
70 T	Styrene	50.000	51.102	-2.2	100	0.00
71 P	Bromoform	50.000	64.783	-29.6#	126	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	52.255	-4.5	101	0.00
74 T	N-amyl acetate	50.000	50.881	-1.8	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.792	-9.6	107	0.00
76 T	1,2,3-Trichloropropane	50.000	50.915	-1.8	100	0.00
77 T	Bromobenzene	50.000	52.050	-4.1	101	0.00
78 T	n-propylbenzene	50.000	51.823	-3.6	101	0.00
79 T	2-Chlorotoluene	50.000	51.132	-2.3	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.796	-3.6	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.838	12.3	86	0.00
82 T	4-Chlorotoluene	50.000	50.997	-2.0	102	0.00
83 T	tert-Butylbenzene	50.000	50.991	-2.0	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.505	-7.0	106	0.00
85 T	sec-Butylbenzene	50.000	50.114	-0.2	99	0.00
86 T	p-Isopropyltoluene	50.000	50.533	-1.1	99	0.00
87 T	1,3-Dichlorobenzene	50.000	49.821	0.4	98	0.00
88 T	1,4-Dichlorobenzene	50.000	48.285	3.4	100	0.00
89 T	n-Butylbenzene	50.000	47.315	5.4	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	74.394	-48.8#	140	0.00
91 T	1,2-Dichlorobenzene	50.000	48.052	3.9	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.130	-10.3	114	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.522	5.0	94	0.00
94 T	Hexachlorobutadiene	50.000	48.560	2.9	98	0.00
95 T	Naphthalene	50.000	53.474	-6.9	104	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.119	1.8	98	0.00

(#) = Out of Range

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