

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX112119\
 Data File : VX013492.D
 Acq On : 21 Nov 2019 10:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 21 15:29:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 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	88	0.00
2 T	Dichlorodifluoromethane	50.000	41.014	18.0	69	0.00
3 P	Chloromethane	50.000	42.186	15.6	72	0.00
4 C	Vinyl Chloride	50.000	43.997	12.0#	73	0.00
5 T	Bromomethane	50.000	47.811	4.4	85	0.00
6 T	Chloroethane	50.000	43.647	12.7	76	0.00
7 T	Trichlorofluoromethane	50.000	42.534	14.9	76	0.00
8 T	Diethyl Ether	50.000	48.584	2.8	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.272	3.5	86	0.00
10 T	Methyl Iodide	50.000	45.652	8.7	77	0.00
11 T	Tert butyl alcohol	250.000	225.361	9.9	85	0.00
12 CM	1,1-Dichloroethene	50.000	46.873	6.3#	81	0.00
13 T	Acrolein	250.000	207.468	17.0	71	0.00
14 T	Allyl chloride	50.000	49.692	0.6	87	0.00
15 T	Acrylonitrile	250.000	262.343	-4.9	88	0.00
16 T	Acetone	250.000	222.419	11.0	77	0.00
17 T	Carbon Disulfide	50.000	42.391	15.2	73	0.00
18 T	Methyl Acetate	50.000	54.239	-8.5	92	0.00
19 T	Methyl tert-butyl Ether	50.000	55.368	-10.7	94	0.00
20 T	Methylene Chloride	50.000	48.932	2.1	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.140	5.7	83	0.00
22 T	Diisopropyl ether	50.000	54.003	-8.0	91	0.00
23 T	Vinyl Acetate	250.000	266.296	-6.5	90	0.00
24 P	1,1-Dichloroethane	50.000	50.647	-1.3	89	0.00
25 T	2-Butanone	250.000	250.543	-0.2	84	0.00
26 T	2,2-Dichloropropane	50.000	51.450	-2.9	89	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.026	-4.1	89	0.00
28 T	Bromochloromethane	50.000	52.376	-4.8	91	0.00
29 T	Tetrahydrofuran	250.000	259.215	-3.7	85	0.00
30 C	Chloroform	50.000	51.864	-3.7#	90	0.00
31 T	Cyclohexane	50.000	45.811	8.4	81	0.00
32 T	1,1,1-Trichloroethane	50.000	48.704	2.6	84	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.869	10.3	80	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	46.010	8.0	82	0.00
36 T	1,1-Dichloropropene	50.000	49.034	1.9	83	0.00
37 T	Ethyl Acetate	50.000	51.034	-2.1	87	0.00
38 T	Carbon Tetrachloride	50.000	49.929	0.1	84	0.00
39 T	Methylcyclohexane	50.000	47.915	4.2	84	0.00
40 TM	Benzene	50.000	49.712	0.6	87	0.00
41 T	Methacrylonitrile	50.000	51.392	-2.8	88	0.00
42 TM	1,2-Dichloroethane	50.000	51.684	-3.4	88	0.00
43 T	Isopropyl Acetate	50.000	54.480	-9.0	91	0.00
44 TM	Trichloroethene	50.000	49.022	2.0	87	0.00
45 C	1,2-Dichloropropane	50.000	53.287	-6.6#	92	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	51.877	-3.8	90	0.00
47 T	Bromodichloromethane	50.000	54.990	-10.0	92	0.00
48 T	Methyl methacrylate	50.000	54.349	-8.7	89	0.00
49 T	1,4-Dioxane	1000.000	912.178	8.8	77	0.00
50 S	Toluene-d8	50.000	44.713	10.6	78	0.00
51 T	4-Methyl-2-Pentanone	250.000	261.197	-4.5	87	0.00
52 CM	Toluene	50.000	50.933	-1.9#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	56.861	-13.7	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.898	-11.8	94	0.00
55 T	1,1,2-Trichloroethane	50.000	55.128	-10.3	95	0.00
56 T	Ethyl methacrylate	50.000	51.968	-3.9	95	0.00
57 T	1,3-Dichloropropane	50.000	53.123	-6.2	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	261.101	-4.4	85	0.00
59 T	2-Hexanone	250.000	257.680	-3.1	85	0.00
60 T	Dibromochloromethane	50.000	56.708	-13.4	94	0.00
61 T	1,2-Dibromoethane	50.000	52.444	-4.9	89	0.00
62 S	4-Bromofluorobenzene	50.000	46.100	7.8	82	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	48.425	3.2	86	0.00
65 PM	Chlorobenzene	50.000	51.207	-2.4	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.479	-7.0	92	0.00
67 C	Ethyl Benzene	50.000	50.630	-1.3#	86	0.00
68 T	m/p-Xylenes	100.000	102.934	-2.9	87	0.00
69 T	o-Xylene	50.000	52.208	-4.4	90	0.00
70 T	Styrene	50.000	54.693	-9.4	91	0.00
71 P	Bromoform	50.000	50.885	-1.8	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	52.282	-4.6	88	0.00
74 T	N-amyl acetate	50.000	56.427	-12.9	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.436	-6.9	91	0.00
76 T	1,2,3-Trichloropropane	50.000	50.517	-1.0	91	0.00
77 T	Bromobenzene	50.000	53.146	-6.3	91	0.00
78 T	n-propylbenzene	50.000	53.143	-6.3	87	0.00
79 T	2-Chlorotoluene	50.000	52.678	-5.4	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.996	-6.0	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.251	-12.5	93	0.00
82 T	4-Chlorotoluene	50.000	52.199	-4.4	88	0.00
83 T	tert-Butylbenzene	50.000	54.010	-8.0	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.809	-7.6	88	0.00
85 T	sec-Butylbenzene	50.000	52.706	-5.4	88	0.00
86 T	p-Isopropyltoluene	50.000	53.740	-7.5	88	0.00
87 T	1,3-Dichlorobenzene	50.000	52.457	-4.9	89	0.00
88 T	1,4-Dichlorobenzene	50.000	51.894	-3.8	91	0.00
89 T	n-Butylbenzene	50.000	53.303	-6.6	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.416	-8.8	90	0.00
91 T	1,2-Dichlorobenzene	50.000	53.687	-7.4	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.949	2.1	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.832	-9.7	92	0.00
94 T	Hexachlorobutadiene	50.000	51.442	-2.9	89	0.00
95 T	Naphthalene	50.000	54.507	-9.0	86	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.717	-9.4	91	0.00

(#) = Out of Range

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