

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX040120\
 Data File : VX015458.D
 Acq On : 01 Apr 2020 10:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 02 09:18:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 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	124	0.00
2 T	Dichlorodifluoromethane	50.000	58.665	-17.3	179	0.00
3 P	Chloromethane	50.000	50.470	-0.9	116	0.00
4 C	Vinyl Chloride	50.000	53.275	-6.5#	139	0.00
5 T	Bromomethane	50.000	50.276	-0.6	110	0.00
6 T	Chloroethane	50.000	52.237	-4.5	129	0.00
7 T	Trichlorofluoromethane	50.000	56.714	-13.4	165	0.00
8 T	Diethyl Ether	50.000	50.829	-1.7	115	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	57.536	-15.1	176	0.00
10 T	Methyl Iodide	50.000	52.517	-5.0	109	0.00
11 T	Tert butyl alcohol	250.000	216.446	13.4	96	0.00
12 CM	1,1-Dichloroethene	50.000	53.921	-7.8#	139	0.00
13 T	Acrolein	250.000	292.545	-17.0	131	0.00
14 T	Allyl chloride	50.000	53.035	-6.1	121	0.00
15 T	Acrylonitrile	250.000	238.377	4.6	100	0.00
16 T	Acetone	250.000	260.381	-4.2	112	0.00
17 T	Carbon Disulfide	50.000	52.729	-5.5	135	0.00
18 T	Methyl Acetate	50.000	47.757	4.5	101	0.00
19 T	Methyl tert-butyl Ether	50.000	51.002	-2.0	109	0.00
20 T	Methylene Chloride	50.000	50.580	-1.2	115	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.105	-4.2	124	0.00
22 T	Diisopropyl ether	50.000	52.882	-5.8	114	0.00
23 T	Vinyl Acetate	250.000	257.133	-2.9	108	0.00
24 P	1,1-Dichloroethane	50.000	51.501	-3.0	120	0.00
25 T	2-Butanone	250.000	240.443	3.8	102	0.00
26 T	2,2-Dichloropropane	50.000	58.258	-16.5	143	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.860	-3.7	117	0.00
28 T	Bromochloromethane	50.000	49.977	0.0	107	0.00
29 T	Tetrahydrofuran	250.000	228.925	8.4	97	-0.01
30 C	Chloroform	50.000	52.248	-4.5#	117	-0.01
31 T	Cyclohexane	50.000	55.953	-11.9	167	0.00
32 T	1,1,1-Trichloroethane	50.000	53.898	-7.8	133	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.638	6.7	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	107	-0.01
35 S	Dibromofluoromethane	50.000	49.702	0.6	107	0.00
36 T	1,1-Dichloropropene	50.000	56.858	-13.7	138	0.00
37 T	Ethyl Acetate	50.000	49.250	1.5	99	-0.01
38 T	Carbon Tetrachloride	50.000	56.472	-12.9	140	0.00
39 T	Methylcyclohexane	50.000	61.429	-22.9#	184	0.00
40 TM	Benzene	50.000	55.239	-10.5	118	0.00
41 T	Methacrylonitrile	50.000	50.926	-1.9	99	0.00
42 TM	1,2-Dichloroethane	50.000	54.423	-8.8	110	0.00
43 T	Isopropyl Acetate	50.000	51.240	-2.5	102	0.00
44 TM	Trichloroethene	50.000	56.516	-13.0	128	0.00
45 C	1,2-Dichloropropane	50.000	54.126	-8.3#	114	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	54.635	-9.3	112	0.00
47 T	Bromodichloromethane	50.000	55.250	-10.5	112	0.00
48 T	Methyl methacrylate	50.000	51.773	-3.5	103	0.00
49 T	1,4-Dioxane	1000.000	1016.570	-1.7	101	0.00
50 S	Toluene-d8	50.000	49.733	0.5	111	0.00
51 T	4-Methyl-2-Pentanone	250.000	251.311	-0.5	99	0.00
52 CM	Toluene	50.000	56.778	-13.6#	121	0.00
53 T	t-1,3-Dichloropropene	50.000	54.209	-8.4	112	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.410	-12.8	115	0.00
55 T	1,1,2-Trichloroethane	50.000	54.530	-9.1	110	0.00
56 T	Ethyl methacrylate	50.000	53.357	-6.7	107	0.00
57 T	1,3-Dichloropropane	50.000	52.642	-5.3	109	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	296.475	-18.6	118	0.00
59 T	2-Hexanone	250.000	266.032	-6.4	104	0.00
60 T	Dibromochloromethane	50.000	54.684	-9.4	109	0.00
61 T	1,2-Dibromoethane	50.000	53.588	-7.2	108	0.00
62 S	4-Bromofluorobenzene	50.000	50.448	-0.9	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	58.133	-16.3	136	0.00
65 PM	Chlorobenzene	50.000	56.832	-13.7	119	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.810	-11.6	114	0.00
67 C	Ethyl Benzene	50.000	57.519	-15.0#	124	0.00
68 T	m/p-Xylenes	100.000	116.597	-16.6	125	0.00
69 T	o-Xylene	50.000	57.460	-14.9	119	0.00
70 T	Styrene	50.000	56.717	-13.4	118	0.00
71 P	Bromoform	50.000	53.129	-6.3	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	56.383	-12.8	129	0.00
74 T	N-amyl acetate	50.000	52.045	-4.1	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.087	-4.2	108	0.00
76 T	1,2,3-Trichloropropane	50.000	54.707	-9.4	109	0.00
77 T	Bromobenzene	50.000	54.577	-9.2	114	0.00
78 T	n-propylbenzene	50.000	58.122	-16.2	132	0.00
79 T	2-Chlorotoluene	50.000	56.415	-12.8	122	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.690	-15.4	128	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.639	-5.3	105	0.00
82 T	4-Chlorotoluene	50.000	57.216	-14.4	124	0.00
83 T	tert-Butylbenzene	50.000	57.680	-15.4	132	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.204	-14.4	124	0.00
85 T	sec-Butylbenzene	50.000	59.479	-19.0	144	0.00
86 T	p-Isopropyltoluene	50.000	60.073	-20.1#	139	0.00
87 T	1,3-Dichlorobenzene	50.000	57.186	-14.4	123	0.00
88 T	1,4-Dichlorobenzene	50.000	54.836	-9.7	118	0.00
89 T	n-Butylbenzene	50.000	61.088	-22.2#	146	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	57.229	-14.5	130	0.00
91 T	1,2-Dichlorobenzene	50.000	55.601	-11.2	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.811	6.4	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.809	-13.6	123	0.00
94 T	Hexachlorobutadiene	50.000	56.749	-13.5	148	0.00
95 T	Naphthalene	50.000	53.458	-6.9	108	0.00
96 T	1,2,3-Trichlorobenzene	50.000	56.663	-13.3	117	0.00

(#) = Out of Range

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