

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX090819\
 Data File : VX012236.D
 Acq On : 08 Sep 2019 21:19
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 09 03:37:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 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	69	0.00
2 T	Dichlorodifluoromethane	50.000	40.617	18.8	61	0.00
3 P	Chloromethane	50.000	48.731	2.5	71	0.00
4 C	Vinyl Chloride	50.000	47.041	5.9#	68	0.00
5 T	Bromomethane	50.000	52.369	-4.7	77	0.00
6 T	Chloroethane	50.000	51.358	-2.7	75	0.00
7 T	Trichlorofluoromethane	50.000	46.571	6.9	67	0.00
8 T	Diethyl Ether	50.000	57.228	-14.5	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.050	11.9	64	0.00
10 T	Methyl Iodide	50.000	29.759	40.5#	42	0.00
11 T	Tert butyl alcohol	250.000	427.374	-70.9#	132	0.00
12 CM	1,1-Dichloroethene	50.000	45.025	10.0#	65	0.00
13 T	Acrolein	250.000	251.641	-0.7	73	0.00
14 T	Allyl chloride	50.000	51.940	-3.9	74	0.00
15 T	Acrylonitrile	250.000	332.140	-32.9#	97	0.00
16 T	Acetone	250.000	277.246	-10.9	81	0.00
17 T	Carbon Disulfide	50.000	43.610	12.8	58	0.00
18 T	Methyl Acetate	50.000	62.235	-24.5#	96	0.00
19 T	Methyl tert-butyl Ether	50.000	58.535	-17.1	85	0.00
20 T	Methylene Chloride	50.000	47.735	4.5	74	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.353	1.3	70	0.00
22 T	Diisopropyl ether	50.000	60.236	-20.5#	89	0.00
23 T	Vinyl Acetate	250.000	310.051	-24.0#	87	0.00
24 P	1,1-Dichloroethane	50.000	53.872	-7.7	79	0.00
25 T	2-Butanone	250.000	362.827	-45.1#	104	0.00
26 T	2,2-Dichloropropane	50.000	44.020	12.0	65	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.150	-8.3	79	0.00
28 T	Bromochloromethane	50.000	51.408	-2.8	72	0.00
29 T	Tetrahydrofuran	250.000	350.560	-40.2#	103	0.00
30 C	Chloroform	50.000	58.787	-17.6#	87	0.00
31 T	Cyclohexane	50.000	42.564	14.9	62	0.00
32 T	1,1,1-Trichloroethane	50.000	51.757	-3.5	75	0.00
33 S	1,2-Dichloroethane-d4	50.000	58.552	-17.1	82	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35 S	Dibromofluoromethane	50.000	52.284	-4.6	76	0.00
36 T	1,1-Dichloropropene	50.000	45.499	9.0	68	0.00
37 T	Ethyl Acetate	50.000	68.234	-36.5#	101	0.00
38 T	Carbon Tetrachloride	50.000	47.169	5.7	72	0.00
39 T	Methylcyclohexane	50.000	40.224	19.6	62	0.00
40 TM	Benzene	50.000	51.449	-2.9	77	0.00
41 T	Methacrylonitrile	50.000	70.449	-40.9#	106	0.00
42 TM	1,2-Dichloroethane	50.000	62.190	-24.4#	94	0.00
43 T	Isopropyl Acetate	50.000	69.818	-39.6#	106	0.00
44 TM	Trichloroethene	50.000	51.032	-2.1	77	0.00
45 C	1,2-Dichloropropane	50.000	57.676	-15.4#	88	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	63.070	-26.1#	96	0.00
47 T	Bromodichloromethane	50.000	62.351	-24.7#	94	0.00
48 T	Methyl methacrylate	50.000	70.777	-41.6#	106	0.00
49 T	1,4-Dioxane	1000.000	1567.029	-56.7#	123	0.00
50 S	Toluene-d8	50.000	51.982	-4.0	74	0.00
51 T	4-Methyl-2-Pentanone	250.000	409.361	-63.7#	124	0.00
52 CM	Toluene	50.000	54.766	-9.5#	83	0.00
53 T	t-1,3-Dichloropropene	50.000	62.530	-25.1#	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	58.303	-16.6	88	0.00
55 T	1,1,2-Trichloroethane	50.000	68.050	-36.1#	103	0.00
56 T	Ethyl methacrylate	50.000	70.858	-41.7#	107	0.00
57 T	1,3-Dichloropropane	50.000	67.128	-34.3#	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.518	-6.2	77	0.00
59 T	2-Hexanone	250.000	407.526	-63.0#	125	0.00
60 T	Dibromochloromethane	50.000	68.622	-37.2#	105	0.00
61 T	1,2-Dibromoethane	50.000	67.938	-35.9#	103	0.00
62 S	4-Bromofluorobenzene	50.000	50.144	-0.3	76	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	75	0.00
64 T	Tetrachloroethene	50.000	58.148	-16.3	92	0.00
65 PM	Chlorobenzene	50.000	57.933	-15.9	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	63.949	-27.9#	102	0.00
67 C	Ethyl Benzene	50.000	54.135	-8.3#	85	0.00
68 T	m/p-Xylenes	100.000	110.065	-10.1	85	0.00
69 T	o-Xylene	50.000	57.286	-14.6	90	0.00
70 T	Styrene	50.000	60.565	-21.1#	93	0.00
71 P	Bromoform	50.000	70.007	-40.0#	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	52.060	-4.1	84	0.00
74 T	N-amyl acetate	50.000	71.758	-43.5#	116	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	69.665	-39.3#	115	0.00
76 T	1,2,3-Trichloropropane	50.000	68.947	-37.9#	115	0.00
77 T	Bromobenzene	50.000	60.528	-21.1#	97	0.00
78 T	n-propylbenzene	50.000	51.332	-2.7	84	0.00
79 T	2-Chlorotoluene	50.000	55.443	-10.9	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.321	-6.6	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	60.732	-21.5#	101	0.00
82 T	4-Chlorotoluene	50.000	56.694	-13.4	91	0.00
83 T	tert-Butylbenzene	50.000	52.719	-5.4	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.102	-8.2	88	0.00
85 T	sec-Butylbenzene	50.000	49.803	0.4	82	0.00
86 T	p-Isopropyltoluene	50.000	50.581	-1.2	84	0.00
87 T	1,3-Dichlorobenzene	50.000	56.814	-13.6	95	0.00
88 T	1,4-Dichlorobenzene	50.000	56.182	-12.4	93	0.00
89 T	n-Butylbenzene	50.000	48.663	2.7	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.270	1.5	83	0.00
91 T	1,2-Dichlorobenzene	50.000	61.051	-22.1#	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	69.573	-39.1#	112	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.956	-7.9	90	0.00
94 T	Hexachlorobutadiene	50.000	51.439	-2.9	86	0.00
95 T	Naphthalene	50.000	63.030	-26.1#	102	0.00
96 T	1,2,3-Trichlorobenzene	50.000	55.906	-11.8	92	0.00

(#) = Out of Range

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