

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VO090719\
 Data File : VX012169.D
 Acq On : 07 Sep 2019 09:37
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 08 07:58:45 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	47.348	5.3	104	0.00
3 P	Chloromethane	50.000	50.016	-0.0	107	0.00
4 C	Vinyl Chloride	50.000	50.252	-0.5#	107	0.00
5 T	Bromomethane	50.000	53.805	-7.6	116	0.00
6 T	Chloroethane	50.000	53.600	-7.2	115	0.00
7 T	Trichlorofluoromethane	50.000	53.837	-7.7	114	0.00
8 T	Diethyl Ether	50.000	50.623	-1.2	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	40.963	18.1	87	0.00
10 T	Methyl Iodide	50.000	41.406	17.2	93	0.00
11 T	Tert butyl alcohol	250.000	186.698	25.3#	85	0.00
12 CM	1,1-Dichloroethene	50.000	40.099	19.8#	84	0.00
13 T	Acrolein	250.000	199.557	20.2#	87	0.00
14 T	Allyl chloride	50.000	50.624	-1.2	106	0.00
15 T	Acrylonitrile	250.000	215.533	13.8	93	0.00
16 T	Acetone	250.000	268.160	-7.3	115	0.00
17 T	Carbon Disulfide	50.000	50.737	-1.5	99	0.00
18 T	Methyl Acetate	50.000	43.455	13.1	98	0.00
19 T	Methyl tert-butyl Ether	50.000	45.684	8.6	98	0.00
20 T	Methylene Chloride	50.000	43.022	14.0	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.663	0.7	103	0.00
22 T	Diisopropyl ether	50.000	48.765	2.5	105	0.00
23 T	Vinyl Acetate	250.000	237.152	5.1	97	0.00
24 P	1,1-Dichloroethane	50.000	49.516	1.0	106	0.00
25 T	2-Butanone	250.000	243.752	2.5	102	0.00
26 T	2,2-Dichloropropane	50.000	51.123	-2.2	111	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.259	5.5	101	0.00
28 T	Bromochloromethane	50.000	46.628	6.7	95	0.00
29 T	Tetrahydrofuran	250.000	214.957	14.0	92	0.00
30 C	Chloroform	50.000	48.728	2.5#	105	0.00
31 T	Cyclohexane	50.000	47.802	4.4	102	0.00
32 T	1,1,1-Trichloroethane	50.000	51.045	-2.1	108	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.933	-3.9	107	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	52.539	-5.1	106	0.00
36 T	1,1-Dichloropropene	50.000	50.086	-0.2	103	0.00
37 T	Ethyl Acetate	50.000	44.828	10.3	92	0.00
38 T	Carbon Tetrachloride	50.000	51.130	-2.3	108	0.00
39 T	Methylcyclohexane	50.000	47.024	6.0	100	0.00
40 TM	Benzene	50.000	49.176	1.6	102	0.00
41 T	Methacrylonitrile	50.000	45.442	9.1	95	0.00
42 TM	1,2-Dichloroethane	50.000	49.606	0.8	103	0.00
43 T	Isopropyl Acetate	50.000	45.024	10.0	94	0.00
44 TM	Trichloroethene	50.000	48.915	2.2	102	0.00
45 C	1,2-Dichloropropane	50.000	48.071	3.9#	101	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	46.627	6.7	98	0.00
47 T	Bromodichloromethane	50.000	48.870	2.3	102	0.00
48 T	Methyl methacrylate	50.000	45.343	9.3	94	0.00
49 T	1,4-Dioxane	1000.000	773.240	22.7#	84	0.00
50 S	Toluene-d8	50.000	53.732	-7.5	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	221.724	11.3	93	0.00
52 CM	Toluene	50.000	48.529	2.9#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	46.779	6.4	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.205	3.6	101	0.00
55 T	1,1,2-Trichloroethane	50.000	45.889	8.2	96	0.00
56 T	Ethyl methacrylate	50.000	45.205	9.6	95	0.00
57 T	1,3-Dichloropropane	50.000	46.032	7.9	97	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	219.855	12.1	88	0.00
59 T	2-Hexanone	250.000	238.904	4.4	101	0.00
60 T	Dibromochloromethane	50.000	46.727	6.5	98	0.00
61 T	1,2-Dibromoethane	50.000	46.043	7.9	96	0.00
62 S	4-Bromofluorobenzene	50.000	49.499	1.0	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	51.282	-2.6	105	0.00
65 PM	Chlorobenzene	50.000	49.514	1.0	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.880	-1.8	106	0.00
67 C	Ethyl Benzene	50.000	51.027	-2.1#	104	0.00
68 T	m/p-Xylenes	100.000	100.964	-1.0	102	0.00
69 T	o-Xylene	50.000	49.522	1.0	101	0.00
70 T	Styrene	50.000	49.791	0.4	100	0.00
71 P	Bromoform	50.000	46.169	7.7	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	48.744	2.5	103	0.00
74 T	N-amyl acetate	50.000	45.029	9.9	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	42.278	15.4	91	0.00
76 T	1,2,3-Trichloropropane	50.000	50.057	-0.1	109	0.00
77 T	Bromobenzene	50.000	47.579	4.8	100	0.00
78 T	n-propylbenzene	50.000	48.344	3.3	103	0.00
79 T	2-Chlorotoluene	50.000	48.063	3.9	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.030	1.9	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	39.976	20.0#	87	0.00
82 T	4-Chlorotoluene	50.000	48.716	2.6	103	0.00
83 T	tert-Butylbenzene	50.000	49.458	1.1	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.338	1.3	105	0.00
85 T	sec-Butylbenzene	50.000	49.153	1.7	105	0.00
86 T	p-Isopropyltoluene	50.000	49.232	1.5	106	0.00
87 T	1,3-Dichlorobenzene	50.000	48.739	2.5	106	0.00
88 T	1,4-Dichlorobenzene	50.000	48.332	3.3	105	0.00
89 T	n-Butylbenzene	50.000	48.417	3.2	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	46.023	8.0	102	0.00
91 T	1,2-Dichlorobenzene	50.000	47.887	4.2	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.751	14.5	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.672	4.7	104	0.00
94 T	Hexachlorobutadiene	50.000	49.030	1.9	107	0.00
95 T	Naphthalene	50.000	44.620	10.8	94	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.921	4.2	103	0.00

(#) = Out of Range

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