

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW102319\
 Data File : VW013708.D
 Acq On : 24 Oct 2019 10:29
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 11:02:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 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	68	0.00
2 T	Dichlorodifluoromethane	50.000	41.351	17.3	67	0.00
3 P	Chloromethane	50.000	44.241	11.5	70	0.00
4 C	Vinyl Chloride	50.000	46.155	7.7#	66	0.00
5 T	Bromomethane	50.000	48.881	2.2	71	0.00
6 T	Chloroethane	50.000	48.609	2.8	68	0.00
7 T	Trichlorofluoromethane	50.000	41.276	17.4	58	0.00
8 T	Diethyl Ether	50.000	58.229	-16.5	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.772	-1.5	71	0.00
10 T	Methyl Iodide	50.000	50.878	-1.8	70	0.00
11 T	Tert butyl alcohol	250.000	386.386	-54.6#	116	-0.04
12 CM	1,1-Dichloroethene	50.000	49.783	0.4#	69	0.00
13 T	Acrolein	250.000	247.010	1.2	68	0.00
14 T	Allyl chloride	50.000	50.941	-1.9	70	0.00
15 T	Acrylonitrile	250.000	378.895	-51.6#	109	-0.01
16 T	Acetone	250.000	323.326	-29.3#	85	-0.02
17 T	Carbon Disulfide	50.000	48.527	2.9	67	0.00
18 T	Methyl Acetate	50.000	90.563	-81.1#	136	0.00
19 T	Methyl tert-butyl Ether	50.000	63.510	-27.0#	88	0.00
20 T	Methylene Chloride	50.000	57.979	-16.0	77	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.463	-2.9	71	0.00
22 T	Diisopropyl ether	50.000	55.586	-11.2	76	0.00
23 T	Vinyl Acetate	250.000	285.214	-14.1	78	0.00
24 P	1,1-Dichloroethane	50.000	52.976	-6.0	73	0.00
25 T	2-Butanone	250.000	371.955	-48.8#	104	0.00
26 T	2,2-Dichloropropane	50.000	42.616	14.8	61	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.965	-5.9	73	0.00
28 T	Bromochloromethane	50.000	63.249	-26.5#	80	0.00
29 T	Tetrahydrofuran	250.000	398.079	-59.2#	113	0.00
30 C	Chloroform	50.000	53.217	-6.4#	75	0.00
31 T	Cyclohexane	50.000	47.416	5.2	68	0.00
32 T	1,1,1-Trichloroethane	50.000	52.697	-5.4	73	0.00
33 S	1,2-Dichloroethane-d4	50.000	62.867	-25.7#	82	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	71	0.00
35 S	Dibromofluoromethane	50.000	55.751	-11.5	74	0.00
36 T	1,1-Dichloropropene	50.000	49.779	0.4	71	0.00
37 T	Ethyl Acetate	50.000	69.696	-39.4#	106	0.00
38 T	Carbon Tetrachloride	50.000	50.119	-0.2	72	0.00
39 T	Methylcyclohexane	50.000	48.679	2.6	68	0.00
40 TM	Benzene	50.000	50.885	-1.8	73	0.00
41 T	Methacrylonitrile	50.000	60.201	-20.4#	94	0.00
42 TM	1,2-Dichloroethane	50.000	58.368	-16.7	83	0.00
43 T	Isopropyl Acetate	50.000	66.005	-32.0#	96	0.00
44 TM	Trichloroethene	50.000	51.432	-2.9	73	0.00
45 C	1,2-Dichloropropane	50.000	52.830	-5.7#	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	59.725	-19.5	86	0.00
47 T	Bromodichloromethane	50.000	55.026	-10.1	78	0.00
48 T	Methyl methacrylate	50.000	69.420	-38.8#	98	0.00
49 T	1,4-Dioxane	1000.000	1473.859	-47.4#	112	-0.02
50 S	Toluene-d8	50.000	53.908	-7.8	70	0.00
51 T	4-Methyl-2-Pentanone	250.000	361.208	-44.5#	106	0.00
52 CM	Toluene	50.000	51.289	-2.6#	72	0.00
53 T	t-1,3-Dichloropropene	50.000	54.771	-9.5	77	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.569	-3.1	72	0.00
55 T	1,1,2-Trichloroethane	50.000	60.245	-20.5#	88	0.00
56 T	Ethyl methacrylate	50.000	67.215	-34.4#	94	0.00
57 T	1,3-Dichloropropane	50.000	58.664	-17.3	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	342.965	-37.2#	93	0.00
59 T	2-Hexanone	250.000	363.200	-45.3#	102	0.00
60 T	Dibromochloromethane	50.000	58.206	-16.4	83	0.00
61 T	1,2-Dibromoethane	50.000	61.215	-22.4#	89	0.00
62 S	4-Bromofluorobenzene	50.000	55.262	-10.5	73	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
64 T	Tetrachloroethene	50.000	59.158	-18.3	88	0.00
65 PM	Chlorobenzene	50.000	50.542	-1.1	75	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.922	-5.8	77	0.00
67 C	Ethyl Benzene	50.000	49.834	0.3#	72	0.00
68 T	m/p-Xylenes	100.000	100.204	-0.2	73	0.00
69 T	o-Xylene	50.000	50.767	-1.5	74	0.00
70 T	Styrene	50.000	51.560	-3.1	74	0.00
71 P	Bromoform	50.000	62.044	-24.1#	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	74	0.00
73 T	Isopropylbenzene	50.000	49.193	1.6	72	0.00
74 T	N-amyl acetate	50.000	61.155	-22.3#	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	63.158	-26.3#	97	0.00
76 T	1,2,3-Trichloropropane	50.000	78.634	-57.3#	123	0.00
77 T	Bromobenzene	50.000	51.413	-2.8	76	0.00
78 T	n-propylbenzene	50.000	49.305	1.4	72	0.00
79 T	2-Chlorotoluene	50.000	49.764	0.5	73	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.721	0.6	72	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.782	-15.6	88	0.00
82 T	4-Chlorotoluene	50.000	49.414	1.2	72	0.00
83 T	tert-Butylbenzene	50.000	49.918	0.2	73	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.922	0.2	72	0.00
85 T	sec-Butylbenzene	50.000	49.265	1.5	72	0.00
86 T	p-Isopropyltoluene	50.000	49.160	1.7	72	0.00
87 T	1,3-Dichlorobenzene	50.000	49.743	0.5	73	0.00
88 T	1,4-Dichlorobenzene	50.000	49.595	0.8	74	0.00
89 T	n-Butylbenzene	50.000	47.359	5.3	68	0.00

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90 T	Hexachloroethane	50.000	50.317	-0.6	73	0.00
91 T	1,2-Dichlorobenzene	50.000	52.181	-4.4	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	68.667	-37.3#	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.121	3.8	70	0.00
94 T	Hexachlorobutadiene	50.000	48.160	3.7	72	0.00
95 T	Naphthalene	50.000	63.432	-26.9#	90	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.820	-5.6	77	0.00

(#) = Out of Range

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