

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122018\
 Data File : VW007675.D
 Acq On : 19 Dec 2018 00:14
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 4.77G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 19 05:54:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 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	74	0.00
2 T	Dichlorodifluoromethane	50.000	47.243	5.5	80	0.00
3 P	Chloromethane	50.000	40.359	19.3	64	0.00
4 C	Vinyl Chloride	50.000	44.943	10.1#	70	0.00
5 T	Bromomethane	50.000	48.444	3.1	74	0.00
6 T	Chloroethane	50.000	47.663	4.7	70	0.00
7 T	Trichlorofluoromethane	50.000	52.569	-5.1	81	0.00
8 T	Diethyl Ether	50.000	55.446	-10.9	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.513	1.0	74	0.00
10 T	Methyl Iodide	50.000	50.240	-0.5	74	0.00
11 T	Tert butyl alcohol	250.000	280.258	-12.1	87	0.00
12 CM	1,1-Dichloroethene	50.000	49.811	0.4#	74	0.00
13 T	Acrolein	250.000	257.905	-3.2	78	0.00
14 T	Allyl chloride	50.000	46.386	7.2	69	0.00
15 T	Acrylonitrile	250.000	272.564	-9.0	79	0.00
16 T	Acetone	250.000	282.413	-13.0	81	0.00
17 T	Carbon Disulfide	50.000	45.561	8.9	69	0.00
18 T	Methyl Acetate	50.000	52.612	-5.2	77	0.00
19 T	Methyl tert-butyl Ether	50.000	55.856	-11.7	80	0.00
20 T	Methylene Chloride	50.000	51.571	-3.1	73	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.972	0.1	73	0.00
22 T	Diisopropyl ether	50.000	49.451	1.1	71	0.00
23 T	Vinyl Acetate	250.000	269.660	-7.9	76	0.00
24 P	1,1-Dichloroethane	50.000	50.302	-0.6	74	0.00
25 T	2-Butanone	250.000	284.766	-13.9	80	0.00
26 T	2,2-Dichloropropane	50.000	52.187	-4.4	77	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.368	-2.7	74	0.00
28 T	Bromochloromethane	50.000	50.762	-1.5	73	0.00
29 T	Tetrahydrofuran	250.000	276.184	-10.5	77	0.00
30 C	Chloroform	50.000	53.182	-6.4#	78	0.00
31 T	Cyclohexane	50.000	42.810	14.4	67	0.00
32 T	1,1,1-Trichloroethane	50.000	54.210	-8.4	80	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.915	-5.8	75	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35 S	Dibromofluoromethane	50.000	53.125	-6.3	70	0.00
36 T	1,1-Dichloropropene	50.000	52.726	-5.5	74	0.00
37 T	Ethyl Acetate	50.000	57.260	-14.5	82	0.00
38 T	Carbon Tetrachloride	50.000	57.545	-15.1	80	0.00
39 T	Methylcyclohexane	50.000	51.757	-3.5	72	0.00
40 TM	Benzene	50.000	53.429	-6.9	73	0.00
41 T	Methacrylonitrile	50.000	59.375	-18.8	77	0.00
42 TM	1,2-Dichloroethane	50.000	60.206	-20.4#	82	0.00
43 T	Isopropyl Acetate	50.000	59.835	-19.7	80	0.00
44 TM	Trichloroethene	50.000	54.805	-9.6	77	0.00
45 C	1,2-Dichloropropane	50.000	53.848	-7.7#	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	59.533	-19.1	83	0.00
47 T	Bromodichloromethane	50.000	57.874	-15.7	78	0.00
48 T	Methyl methacrylate	50.000	56.085	-12.2	75	0.00
49 T	1,4-Dioxane	1000.000	1163.438	-16.3	79	0.00
50 S	Toluene-d8	50.000	51.790	-3.6	68	0.00
51 T	4-Methyl-2-Pentanone	250.000	310.848	-24.3#	83	0.00
52 CM	Toluene	50.000	55.547	-11.1#	75	0.00
53 T	t-1,3-Dichloropropene	50.000	59.123	-18.2	81	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.022	-12.0	76	0.00
55 T	1,1,2-Trichloroethane	50.000	62.025	-24.0#	85	0.00
56 T	Ethyl methacrylate	50.000	62.293	-24.6#	83	0.00
57 T	1,3-Dichloropropane	50.000	62.207	-24.4#	85	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	348.949	-39.6#	86	0.00
59 T	2-Hexanone	250.000	334.944	-34.0#	90	0.00
60 T	Dibromochloromethane	50.000	63.413	-26.8#	86	0.00
61 T	1,2-Dibromoethane	50.000	61.981	-24.0#	87	0.00
62 S	4-Bromofluorobenzene	50.000	55.165	-10.3	73	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	73	0.00
64 T	Tetrachloroethene	50.000	53.267	-6.5	82	0.00
65 PM	Chlorobenzene	50.000	55.018	-10.0	82	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.025	-14.0	85	0.00
67 C	Ethyl Benzene	50.000	54.767	-9.5#	80	0.00
68 T	m/p-Xylenes	100.000	109.759	-9.8	82	0.00
69 T	o-Xylene	50.000	55.435	-10.9	78	0.00
70 T	Styrene	50.000	58.319	-16.6	85	0.00
71 P	Bromoform	50.000	61.194	-22.4#	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73 T	Isopropylbenzene	50.000	51.891	-3.8	84	0.00
74 T	N-amyl acetate	50.000	54.699	-9.4	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.687	-15.4	86	0.00
76 T	1,2,3-Trichloropropane	50.000	50.353	-0.7	71	0.00
77 T	Bromobenzene	50.000	53.156	-6.3	82	0.00
78 T	n-propylbenzene	50.000	53.199	-6.4	82	0.00
79 T	2-Chlorotoluene	50.000	51.007	-2.0	78	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.979	-6.0	84	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.061	-8.1	86	0.00
82 T	4-Chlorotoluene	50.000	51.961	-3.9	82	0.00
83 T	tert-Butylbenzene	50.000	52.444	-4.9	82	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.374	-4.7	84	0.00
85 T	sec-Butylbenzene	50.000	52.918	-5.8	87	0.00
86 T	p-Isopropyltoluene	50.000	53.633	-7.3	83	0.00
87 T	1,3-Dichlorobenzene	50.000	52.854	-5.7	83	0.00
88 T	1,4-Dichlorobenzene	50.000	52.332	-4.7	85	0.00
89 T	n-Butylbenzene	50.000	52.105	-4.2	82	0.00

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90 T	Hexachloroethane	50.000	53.122	-6.2	85	0.00
91 T	1,2-Dichlorobenzene	50.000	54.172	-8.3	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.927	-19.9	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.540	-9.1	88	0.00
94 T	Hexachlorobutadiene	50.000	51.783	-3.6	83	0.00
95 T	Naphthalene	50.000	58.064	-16.1	88	0.00
96 T	1,2,3-Trichlorobenzene	50.000	55.150	-10.3	85	0.00

(#) = Out of Range

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