

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW062718\
 Data File : VW003578.D
 Acq On : 26 Jun 2018 18:56
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 27 07:54:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 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	77	0.00
2 T	Dichlorodifluoromethane	50.000	59.966	-19.9	98	0.00
3 P	Chloromethane	50.000	45.236	9.5	74	0.00
4 C	Vinyl Chloride	50.000	45.233	9.5#	75	0.00
5 T	Bromomethane	50.000	44.364	11.3	73	0.00
6 T	Chloroethane	50.000	43.099	13.8	73	0.00
7 T	Trichlorofluoromethane	50.000	48.073	3.9	78	0.00
8 T	Diethyl Ether	50.000	46.977	6.0	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.208	1.6	81	0.00
10 T	Methyl Iodide	50.000	47.466	5.1	77	0.00
11 T	Tert butyl alcohol	250.000	213.649	14.5	63	-0.02
12 CM	1,1-Dichloroethene	50.000	47.336	5.3#	79	0.00
13 T	Acrolein	250.000	221.320	11.5	72	-0.01
14 T	Allyl chloride	50.000	47.754	4.5	77	0.00
15 T	Acrylonitrile	250.000	241.778	3.3	76	0.00
16 T	Acetone	250.000	212.158	15.1	68	0.00
17 T	Carbon Disulfide	50.000	46.728	6.5	78	0.00
18 T	Methyl Acetate	50.000	50.606	-1.2	82	-0.01
19 T	Methyl tert-butyl Ether	50.000	48.795	2.4	77	0.00
20 T	Methylene Chloride	50.000	53.143	-6.3	82	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.460	5.1	79	0.00
22 T	Diisopropyl ether	50.000	50.441	-0.9	80	0.00
23 T	Vinyl Acetate	250.000	243.779	2.5	75	0.00
24 P	1,1-Dichloroethane	50.000	49.573	0.9	81	0.00
25 T	2-Butanone	250.000	234.749	6.1	72	0.00
26 T	2,2-Dichloropropane	50.000	45.167	9.7	75	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.063	1.9	79	0.00
28 T	Bromochloromethane	50.000	57.527	-15.1	86	0.00
29 T	Tetrahydrofuran	250.000	241.870	3.3	76	0.00
30 C	Chloroform	50.000	50.290	-0.6#	81	0.00
31 T	Cyclohexane	50.000	45.486	9.0	80	0.00
32 T	1,1,1-Trichloroethane	50.000	49.258	1.5	80	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.529	-7.1	85	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.00
35 S	Dibromofluoromethane	50.000	55.640	-11.3	86	0.00
36 T	1,1-Dichloropropene	50.000	50.707	-1.4	80	0.00
37 T	Ethyl Acetate	50.000	49.897	0.2	77	0.00
38 T	Carbon Tetrachloride	50.000	51.379	-2.8	80	0.00
39 T	Methylcyclohexane	50.000	50.306	-0.6	79	0.00
40 TM	Benzene	50.000	51.343	-2.7	81	0.00
41 T	Methacrylonitrile	50.000	45.420	9.2	70	0.00
42 TM	1,2-Dichloroethane	50.000	51.791	-3.6	81	0.00
43 T	Isopropyl Acetate	50.000	48.678	2.6	74	0.00
44 TM	Trichloroethene	50.000	50.067	-0.1	78	0.00
45 C	1,2-Dichloropropane	50.000	52.103	-4.2#	81	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	50.447	-0.9	79	0.00
47 T	Bromodichloromethane	50.000	51.872	-3.7	81	0.00
48 T	Methyl methacrylate	50.000	50.701	-1.4	74	0.00
49 T	1,4-Dioxane	1000.000	962.238	3.8	71	-0.01
50 S	Toluene-d8	50.000	55.625	-11.3	85	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.963	-1.6	75	0.00
52 CM	Toluene	50.000	51.108	-2.2#	80	0.00
53 T	t-1,3-Dichloropropene	50.000	50.238	-0.5	76	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.583	-1.2	77	0.00
55 T	1,1,2-Trichloroethane	50.000	50.947	-1.9	79	0.00
56 T	Ethyl methacrylate	50.000	50.262	-0.5	73	0.00
57 T	1,3-Dichloropropane	50.000	51.342	-2.7	79	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	254.947	-2.0	76	0.00
59 T	2-Hexanone	250.000	254.673	-1.9	74	0.00
60 T	Dibromochloromethane	50.000	52.138	-4.3	79	0.00
61 T	1,2-Dibromoethane	50.000	50.112	-0.2	77	0.00
62 S	4-Bromofluorobenzene	50.000	56.252	-12.5	85	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64 T	Tetrachloroethene	50.000	48.508	3.0	79	0.00
65 PM	Chlorobenzene	50.000	48.620	2.8	79	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.629	0.7	79	0.00
67 C	Ethyl Benzene	50.000	49.620	0.8#	79	0.00
68 T	m/p-Xylenes	100.000	100.857	-0.9	80	0.00
69 T	o-Xylene	50.000	50.793	-1.6	79	0.00
70 T	Styrene	50.000	51.921	-3.8	80	0.00
71 P	Bromoform	50.000	47.916	4.2	74	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73 T	Isopropylbenzene	50.000	48.907	2.2	79	0.00
74 T	N-amyl acetate	50.000	47.661	4.7	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.678	2.6	80	0.00
76 T	1,2,3-Trichloropropane	50.000	46.514	7.0	77	0.00
77 T	Bromobenzene	50.000	48.357	3.3	79	0.00
78 T	n-propylbenzene	50.000	50.020	-0.0	80	0.00
79 T	2-Chlorotoluene	50.000	49.458	1.1	80	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.018	-0.0	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.781	6.4	74	0.00
82 T	4-Chlorotoluene	50.000	48.951	2.1	80	0.00
83 T	tert-Butylbenzene	50.000	49.427	1.1	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.357	-0.7	81	0.00
85 T	sec-Butylbenzene	50.000	49.984	0.0	80	0.00
86 T	p-Isopropyltoluene	50.000	50.084	-0.2	80	0.00
87 T	1,3-Dichlorobenzene	50.000	48.817	2.4	80	0.00
88 T	1,4-Dichlorobenzene	50.000	48.291	3.4	79	0.00
89 T	n-Butylbenzene	50.000	50.070	-0.1	80	0.00

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90 T	Hexachloroethane	50.000	49.431	1.1	80	0.00
91 T	1,2-Dichlorobenzene	50.000	49.117	1.8	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.427	5.1	75	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.746	2.5	79	0.00
94 T	Hexachlorobutadiene	50.000	48.611	2.8	79	0.00
95 T	Naphthalene	50.000	49.068	1.9	76	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.768	2.5	79	0.00

(#) = Out of Range

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