

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF121718\
 Data File : VF061035.D
 Acq On : 17 Dec 2018 11:59
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 18 03:15:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	87	-0.02
2 T	Dichlorodifluoromethane	50.000	42.429	15.1	75	-0.01
3 P	Chloromethane	50.000	44.689	10.6	87	0.00
4 C	Vinyl Chloride	50.000	48.719	2.6#	87	-0.01
5 T	Bromomethane	50.000	49.204	1.6	83	0.00
6 T	Chloroethane	50.000	54.733	-9.5	91	-0.01
7 T	Trichlorofluoromethane	50.000	52.266	-4.5	89	0.00
8 T	Diethyl Ether	50.000	47.416	5.2	83	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.559	-7.1	93	0.00
10 T	Methyl Iodide	50.000	52.777	-5.6	92	-0.01
11 T	Tert butyl alcohol	250.000	273.681	-9.5	91	0.00
12 CM	1,1-Dichloroethene	50.000	47.401	5.2#	83	-0.01
13 T	Acrolein	250.000	243.472	2.6	78	-0.01
14 T	Allyl chloride	50.000	55.137	-10.3	85	-0.01
15 T	Acrylonitrile	250.000	272.690	-9.1	95	-0.01
16 T	Acetone	250.000	358.205	-43.3#	122	-0.01
17 T	Carbon Disulfide	50.000	41.954	16.1	76	-0.02
18 T	Methyl Acetate	50.000	60.002	-20.0	106	-0.01
19 T	Methyl tert-butyl Ether	50.000	54.489	-9.0	94	-0.01
20 T	Methylene Chloride	50.000	53.278	-6.6	98	-0.01
21 T	trans-1,2-Dichloroethene	50.000	52.959	-5.9	91	-0.02
22 T	Diisopropyl ether	50.000	54.676	-9.4	94	-0.01
23 T	Vinyl Acetate	250.000	283.172	-13.3	96	-0.01
24 P	1,1-Dichloroethane	50.000	56.577	-13.2	93	-0.01
25 T	2-Butanone	250.000	284.387	-13.8	97	-0.02
26 T	2,2-Dichloropropane	50.000	54.176	-8.4	91	-0.03
27 T	cis-1,2-Dichloroethene	50.000	52.265	-4.5	91	-0.02
28 T	Bromochloromethane	50.000	51.021	-2.0	94	-0.02
29	Tetrahydrofuran	250.000	254.529	-1.8	91	-0.02
30 C	Chloroform	50.000	53.518	-7.0#	94	-0.02
31 T	Cyclohexane	50.000	46.092	7.8	84	-0.02
32 T	1,1,1-Trichloroethane	50.000	54.876	-9.8	89	-0.02
33 S	1,2-Dichloroethane-d4	50.000	56.296	-12.6	94	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	-0.02
35 S	Dibromofluoromethane	50.000	56.380	-12.8	96	-0.02
36 T	1,1-Dichloropropene	50.000	50.365	-0.7	86	-0.02
37 T	Ethyl Acetate	50.000	53.235	-6.5	93	-0.02
38 T	Carbon Tetrachloride	50.000	52.728	-5.5	83	-0.01
39 T	Methylcyclohexane	50.000	46.762	6.5	80	-0.02
40 TM	Benzene	50.000	51.022	-2.0	89	-0.02
41 T	Methacrylonitrile	50.000	58.809	-17.6	99	-0.02
42 TM	1,2-Dichloroethane	50.000	54.653	-9.3	89	-0.02
43 T	Isopropyl Acetate	50.000	54.480	-9.0	88	-0.02
44 TM	Trichloroethene	50.000	51.492	-3.0	90	-0.02
45 C	1,2-Dichloropropane	50.000	54.180	-8.4#	88	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.445	-4.9	87	-0.02
47 T	Bromodichloromethane	50.000	54.310	-8.6	90	-0.02
48 T	Methyl methacrylate	50.000	52.350	-4.7	89	-0.02
49 T	1,4-Dioxane	1000.000	1110.587	-11.1	86	-0.02
50 S	Toluene-d8	50.000	54.335	-8.7	93	-0.02
51 T	4-Methyl-2-Pentanone	250.000	266.479	-6.6	95	-0.02
52 CM	Toluene	50.000	46.691	6.6#	87	-0.02
53 T	t-1,3-Dichloropropene	50.000	54.698	-9.4	94	-0.02
54 T	cis-1,3-Dichloropropene	50.000	52.106	-4.2	86	-0.02
55 T	1,1,2-Trichloroethane	50.000	54.905	-9.8	95	-0.02
56 T	Ethyl methacrylate	50.000	53.275	-6.5	85	-0.01
57 T	1,3-Dichloropropane	50.000	54.436	-8.9	90	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	464.234	-85.7#	166	-0.02
59 T	2-Hexanone	250.000	315.524	-26.2#	112	-0.02
60 T	Dibromochloromethane	50.000	52.160	-4.3	87	-0.01
61 T	1,2-Dibromoethane	50.000	53.024	-6.0	90	-0.02
62 S	4-Bromofluorobenzene	50.000	54.514	-9.0	94	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	-0.02
64 T	Tetrachloroethene	50.000	50.568	-1.1	87	-0.01
65 PM	Chlorobenzene	50.000	54.269	-8.5	85	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	53.158	-6.3	87	-0.02
67 C	Ethyl Benzene	50.000	53.488	-7.0#	87	-0.01
68 T	m/p-Xylenes	100.000	95.028	5.0	81	-0.02
69 T	o-Xylene	50.000	51.073	-2.1	85	-0.02
70 T	Styrene	50.000	51.761	-3.5	85	-0.01
71 P	Bromoform	50.000	54.558	-9.1	88	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	-0.01
73 T	Isopropylbenzene	50.000	54.369	-8.7	89	-0.01
74 T	N-amyl acetate	50.000	56.270	-12.5	93	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	53.001	-6.0	86	-0.02
76 T	1,2,3-Trichloropropane	50.000	55.307	-10.6	91	-0.01
77 T	Bromobenzene	50.000	51.733	-3.5	81	-0.02
78 T	n-propylbenzene	50.000	51.116	-2.2	84	-0.01
79 T	2-Chlorotoluene	50.000	51.726	-3.5	86	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	52.230	-4.5	86	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	53.427	-6.9	89	-0.01
82 T	4-Chlorotoluene	50.000	52.427	-4.9	89	-0.01
83 T	tert-Butylbenzene	50.000	54.078	-8.2	91	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	52.996	-6.0	85	-0.01
85 T	sec-Butylbenzene	50.000	52.593	-5.2	88	-0.01
86 T	p-Isopropyltoluene	50.000	52.558	-5.1	90	-0.01
87 T	1,3-Dichlorobenzene	50.000	50.813	-1.6	85	-0.02
88 T	1,4-Dichlorobenzene	50.000	52.529	-5.1	88	-0.01
89 T	n-Butylbenzene	50.000	54.570	-9.1	90	-0.01

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90 T	Hexachloroethane	50.000	55.078	-10.2	88	-0.01
91 T	1,2-Dichlorobenzene	50.000	53.107	-6.2	86	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.091	-10.2	90	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	54.704	-9.4	90	-0.01
94 T	Hexachlorobutadiene	50.000	56.425	-12.8	94	-0.01
95 T	Naphthalene	50.000	54.637	-9.3	88	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	54.575	-9.2	90	-0.01

(#) = Out of Range

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