

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122718\
 Data File : VF061223.D
 Acq On : 27 Dec 2018 22:26
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 28 06:32:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 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	93	-0.02
2 T	Dichlorodifluoromethane	50.000	46.145	7.7	85	0.00
3 P	Chloromethane	50.000	54.916	-9.8	103	0.00
4 C	Vinyl Chloride	50.000	52.771	-5.5#	96	0.00
5 T	Bromomethane	50.000	50.153	-0.3	91	-0.01
6 T	Chloroethane	50.000	49.959	0.1	92	0.00
7 T	Trichlorofluoromethane	50.000	50.644	-1.3	89	-0.01
8 T	Diethyl Ether	50.000	55.449	-10.9	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.664	-3.3	99	0.00
10 T	Methyl Iodide	50.000	51.015	-2.0	97	-0.01
11 T	Tert butyl alcohol	250.000	262.552	-5.0	94	0.00
12 CM	1,1-Dichloroethene	50.000	54.070	-8.1#	99	0.00
13 T	Acrolein	250.000	277.288	-10.9	119	0.00
14 T	Allyl chloride	50.000	63.638	-27.3#	126	0.00
15 T	Acrylonitrile	250.000	294.746	-17.9	103	-0.01
16 T	Acetone	250.000	199.171	20.3	70	0.00
17 T	Carbon Disulfide	50.000	50.479	-1.0	94	0.00
18 T	Methyl Acetate	50.000	54.752	-9.5	113	-0.01
19 T	Methyl tert-butyl Ether	50.000	51.756	-3.5	96	-0.01
20 T	Methylene Chloride	50.000	60.829	-21.7	107	-0.02
21 T	trans-1,2-Dichloroethene	50.000	51.822	-3.6	103	-0.01
22 T	Diisopropyl ether	50.000	55.609	-11.2	104	-0.01
23 T	Vinyl Acetate	250.000	270.040	-8.0	99	-0.01
24 P	1,1-Dichloroethane	50.000	54.464	-8.9	99	-0.01
25 T	2-Butanone	250.000	247.513	1.0	92	-0.01
26 T	2,2-Dichloropropane	50.000	51.426	-2.9	96	-0.01
27 T	cis-1,2-Dichloroethene	50.000	54.248	-8.5	105	-0.01
28 T	Bromochloromethane	50.000	55.837	-11.7	104	-0.02
29	Tetrahydrofuran	250.000	266.292	-6.5	102	-0.01
30 C	Chloroform	50.000	51.414	-2.8#	94	-0.01
31 T	Cyclohexane	50.000	53.064	-6.1	101	-0.01
32 T	1,1,1-Trichloroethane	50.000	58.410	-16.8	112	-0.01
33 S	1,2-Dichloroethane-d4	50.000	45.829	8.3	90	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	-0.01
35 S	Dibromofluoromethane	50.000	44.671	10.7	92	-0.01
36 T	1,1-Dichloropropene	50.000	48.098	3.8	91	-0.01
37 T	Ethyl Acetate	50.000	55.015	-10.0	103	-0.02
38 T	Carbon Tetrachloride	50.000	49.975	0.0	96	-0.01
39 T	Methylcyclohexane	50.000	58.233	-16.5	106	-0.01
40 TM	Benzene	50.000	50.693	-1.4	98	-0.01
41 T	Methacrylonitrile	50.000	52.127	-4.3	101	-0.02
42 TM	1,2-Dichloroethane	50.000	49.214	1.6	93	-0.02
43 T	Isopropyl Acetate	50.000	51.869	-3.7	103	-0.01
44 TM	Trichloroethene	50.000	49.083	1.8	93	-0.01
45 C	1,2-Dichloropropane	50.000	52.712	-5.4#	102	-0.01

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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)
46 T	Dibromomethane	50.000	52.191	-4.4	99	-0.01
47 T	Bromodichloromethane	50.000	50.887	-1.8	93	-0.01
48 T	Methyl methacrylate	50.000	58.583	-17.2	111	-0.01
49 T	1,4-Dioxane	1000.000	1126.759	-12.7	103	-0.01
50 S	Toluene-d8	50.000	44.519	11.0	88	-0.02
51 T	4-Methyl-2-Pentanone	250.000	249.888	0.0	97	-0.01
52 CM	Toluene	50.000	46.582	6.8#	92	-0.01
53 T	t-1,3-Dichloropropene	50.000	47.032	5.9	92	-0.01
54 T	cis-1,3-Dichloropropene	50.000	50.257	-0.5	98	-0.01
55 T	1,1,2-Trichloroethane	50.000	53.254	-6.5	108	-0.02
56 T	Ethyl methacrylate	50.000	52.054	-4.1	99	-0.01
57 T	1,3-Dichloropropane	50.000	51.772	-3.5	102	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	188.943	24.4	75	-0.01
59 T	2-Hexanone	250.000	246.055	1.6	93	-0.01
60 T	Dibromochloromethane	50.000	50.903	-1.8	94	-0.02
61 T	1,2-Dibromoethane	50.000	52.396	-4.8	100	-0.01
62 S	4-Bromofluorobenzene	50.000	43.578	12.8	90	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	-0.01
64 T	Tetrachloroethene	50.000	49.900	0.2	93	-0.01
65 PM	Chlorobenzene	50.000	50.580	-1.2	96	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	49.871	0.3	97	-0.02
67 C	Ethyl Benzene	50.000	50.988	-2.0#	97	-0.01
68 T	m/p-Xylenes	100.000	97.213	2.8	92	-0.01
69 T	o-Xylene	50.000	51.803	-3.6	98	-0.01
70 T	Styrene	50.000	56.156	-12.3	96	-0.01
71 P	Bromoform	50.000	50.553	-1.1	96	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	53.332	-6.7	95	-0.01
74 T	N-amyl acetate	50.000	56.751	-13.5	104	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	55.016	-10.0	100	-0.01
76 T	1,2,3-Trichloropropane	50.000	54.444	-8.9	99	-0.01
77 T	Bromobenzene	50.000	50.720	-1.4	92	-0.01
78 T	n-propylbenzene	50.000	51.853	-3.7	91	0.00
79 T	2-Chlorotoluene	50.000	50.536	-1.1	92	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	49.823	0.4	91	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	58.109	-16.2	103	0.00
82 T	4-Chlorotoluene	50.000	50.473	-0.9	96	-0.01
83 T	tert-Butylbenzene	50.000	52.101	-4.2	95	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	50.307	-0.6	94	-0.01
85 T	sec-Butylbenzene	50.000	53.634	-7.3	99	0.00
86 T	p-Isopropyltoluene	50.000	52.451	-4.9	96	-0.01
87 T	1,3-Dichlorobenzene	50.000	57.497	-15.0	94	-0.01
88 T	1,4-Dichlorobenzene	50.000	51.099	-2.2	97	-0.01
89 T	n-Butylbenzene	50.000	53.128	-6.3	94	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.257	-6.5	96	0.00
91 T	1,2-Dichlorobenzene	50.000	51.321	-2.6	93	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.308	-14.6	99	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	48.657	2.7	90	0.00
94 T	Hexachlorobutadiene	50.000	50.342	-0.7	91	0.00
95 T	Naphthalene	50.000	52.501	-5.0	92	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.155	-4.3	89	-0.01

(#) = Out of Range

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