

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062516.D
 Acq On : 12 May 2019 22:16
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: May 13 06:51:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 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	95	0.02
2 T	Dichlorodifluoromethane	50.000	46.288	7.4	101	0.02
3 P	Chloromethane	50.000	45.137	9.7	101	-0.01
4 C	Vinyl Chloride	50.000	47.373	5.3#	102	0.00
5 T	Bromomethane	50.000	52.475	-5.0	102	-0.01
6 T	Chloroethane	50.000	54.188	-8.4	110	0.00
7 T	Trichlorofluoromethane	50.000	56.621	-13.2	111	0.00
8 T	Diethyl Ether	50.000	47.771	4.5	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.609	-11.2	112	0.00
10 T	Methyl Iodide	50.000	54.357	-8.7	110	0.00
11 T	Tert butyl alcohol	250.000	188.557	24.6#	76	0.00
12 CM	1,1-Dichloroethene	50.000	50.144	-0.3#	106	0.00
13 T	Acrolein	250.000	274.623	-9.8	101	0.00
14 T	Allyl chloride	50.000	81.437	-62.9#	176	0.02
15 T	Acrylonitrile	250.000	249.009	0.4	94	0.00
16 T	Acetone	250.000	220.966	11.6	83	0.00
17 T	Carbon Disulfide	50.000	45.543	8.9	95	0.00
18 T	Methyl Acetate	50.000	46.999	6.0	90	0.00
19 T	Methyl tert-butyl Ether	50.000	48.651	2.7	95	0.00
20 T	Methylene Chloride	50.000	50.052	-0.1	106	-0.04
21 T	trans-1,2-Dichloroethene	50.000	50.506	-1.0	103	0.02
22 T	Diisopropyl ether	50.000	50.681	-1.4	94	0.00
23 T	Vinyl Acetate	250.000	243.090	2.8	86	0.02
24 P	1,1-Dichloroethane	50.000	54.893	-9.8	103	0.02
25 T	2-Butanone	250.000	218.192	12.7	82	0.00
26 T	2,2-Dichloropropane	50.000	65.365	-30.7#	126	0.03
27 T	cis-1,2-Dichloroethene	50.000	54.109	-8.2	105	0.03
28 T	Bromochloromethane	50.000	53.108	-6.2	92	0.03
29 T	Tetrahydrofuran	250.000	213.816	14.5	85	0.02
30 C	Chloroform	50.000	55.341	-10.7#	102	0.03
31 T	Cyclohexane	50.000	48.386	3.2	95	0.02
32 T	1,1,1-Trichloroethane	50.000	57.934	-15.9	108	0.03
33 S	1,2-Dichloroethane-d4	50.000	51.466	-2.9	89	0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.02
35 S	Dibromofluoromethane	50.000	53.789	-7.6	95	0.03
36 T	1,1-Dichloropropene	50.000	51.484	-3.0	97	0.03
37 T	Ethyl Acetate	50.000	49.872	0.3	87	0.02
38 T	Carbon Tetrachloride	50.000	63.768	-27.5#	115	0.03
39 T	Methylcyclohexane	50.000	49.904	0.2	91	0.03
40 TM	Benzene	50.000	48.733	2.5	94	0.03
41 T	Methacrylonitrile	50.000	45.340	9.3	87	0.00
42 TM	1,2-Dichloroethane	50.000	54.379	-8.8	99	0.02
43 T	Isopropyl Acetate	50.000	42.072	15.9	80	0.02
44 TM	Trichloroethene	50.000	53.942	-7.9	101	0.03
45 C	1,2-Dichloropropane	50.000	53.424	-6.8#	98	0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	55.797	-11.6	104	0.03
47 T	Bromodichloromethane	50.000	57.842	-15.7	107	0.02
48 T	Methyl methacrylate	50.000	44.714	10.6	81	0.02
49 T	1,4-Dioxane	1000.000	792.231	20.8#	70	0.03
50 S	Toluene-d8	50.000	50.592	-1.2	90	0.03
51 T	4-Methyl-2-Pentanone	250.000	252.130	-0.9	94	0.02
52 CM	Toluene	50.000	52.862	-5.7#	102	0.03
53 T	t-1,3-Dichloropropene	50.000	50.906	-1.8	93	0.02
54 T	cis-1,3-Dichloropropene	50.000	50.934	-1.9	93	0.02
55 T	1,1,2-Trichloroethane	50.000	54.743	-9.5	100	0.02
56 T	Ethyl methacrylate	50.000	46.993	6.0	90	0.02
57 T	1,3-Dichloropropane	50.000	52.650	-5.3	99	0.02
58 T	2-Chloroethyl Vinyl ether	250.000	184.904	26.0#	72	0.02
59 T	2-Hexanone	250.000	239.357	4.3	90	0.02
60 T	Dibromochloromethane	50.000	56.200	-12.4	102	0.02
61 T	1,2-Dibromoethane	50.000	51.027	-2.1	93	0.03
62 S	4-Bromofluorobenzene	50.000	50.957	-1.9	99	0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.03
64 T	Tetrachloroethene	50.000	55.941	-11.9	110	0.02
65 PM	Chlorobenzene	50.000	55.323	-10.6	107	0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	55.619	-11.2	106	0.02
67 C	Ethyl Benzene	50.000	53.793	-7.6#	104	0.02
68 T	m/p-Xylenes	100.000	110.812	-10.8	112	0.02
69 T	o-Xylene	50.000	56.014	-12.0	108	0.00
70 T	Styrene	50.000	54.188	-8.4	106	0.02
71 P	Bromoform	50.000	50.636	-1.3	95	0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	53.382	-6.8	113	0.02
74 T	N-amyl acetate	50.000	45.363	9.3	104	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.529	0.9	104	0.02
76 T	1,2,3-Trichloropropane	50.000	50.129	-0.3	110	0.02
77 T	Bromobenzene	50.000	50.349	-0.7	107	0.02
78 T	n-propylbenzene	50.000	50.150	-0.3	110	0.02
79 T	2-Chlorotoluene	50.000	50.454	-0.9	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.963	-1.9	110	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.357	7.3	105	0.00
82 T	4-Chlorotoluene	50.000	51.310	-2.6	111	0.00
83 T	tert-Butylbenzene	50.000	50.533	-1.1	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.707	-3.4	110	0.00
85 T	sec-Butylbenzene	50.000	53.059	-6.1	115	0.00
86 T	p-Isopropyltoluene	50.000	52.364	-4.7	114	0.02
87 T	1,3-Dichlorobenzene	50.000	50.964	-1.9	114	0.02
88 T	1,4-Dichlorobenzene	50.000	52.781	-5.6	112	0.00
89 T	n-Butylbenzene	50.000	52.375	-4.8	116	0.00

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90 T	Hexachloroethane	50.000	52.028	-4.1	110	0.02
91 T	1,2-Dichlorobenzene	50.000	51.543	-3.1	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.157	7.7	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.240	-2.5	110	0.00
94 T	Hexachlorobutadiene	50.000	54.250	-8.5	115	0.00
95 T	Naphthalene	50.000	51.349	-2.7	107	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.809	-3.6	109	0.00

(#) = Out of Range

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