

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062433.D
 Acq On : 10 May 2019 21:11
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: May 11 05:46:52 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	45.788	8.4	103	0.00
3 P	Chloromethane	50.000	45.081	9.8	104	0.00
4 C	Vinyl Chloride	50.000	46.738	6.5#	104	0.00
5 T	Bromomethane	50.000	53.585	-7.2	108	0.00
6 T	Chloroethane	50.000	50.062	-0.1	106	0.00
7 T	Trichlorofluoromethane	50.000	54.994	-10.0	112	0.00
8 T	Diethyl Ether	50.000	50.875	-1.8	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.955	-5.9	111	0.00
10 T	Methyl Iodide	50.000	54.102	-8.2	113	0.00
11 T	Tert butyl alcohol	250.000	212.887	14.8	89	0.00
12 CM	1,1-Dichloroethene	50.000	50.109	-0.2#	110	0.00
13 T	Acrolein	250.000	185.232	25.9#	74	0.00
14 T	Allyl chloride	50.000	63.833	-27.7#	144	0.00
15 T	Acrylonitrile	250.000	271.634	-8.7	106	0.00
16 T	Acetone	250.000	232.518	7.0	90	0.00
17 T	Carbon Disulfide	50.000	46.948	6.1	102	0.00
18 T	Methyl Acetate	50.000	47.131	5.7	93	0.00
19 T	Methyl tert-butyl Ether	50.000	51.652	-3.3	105	0.00
20 T	Methylene Chloride	50.000	50.554	-1.1	111	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.907	2.2	104	0.00
22 T	Diisopropyl ether	50.000	52.003	-4.0	100	0.00
23 T	Vinyl Acetate	250.000	249.599	0.2	92	0.00
24 P	1,1-Dichloroethane	50.000	54.867	-9.7	107	0.00
25 T	2-Butanone	250.000	249.940	0.0	97	0.00
26 T	2,2-Dichloropropane	50.000	54.393	-8.8	109	0.02
27 T	cis-1,2-Dichloroethene	50.000	53.276	-6.6	107	0.00
28 T	Bromochloromethane	50.000	57.253	-14.5	103	0.00
29 T	Tetrahydrofuran	250.000	221.594	11.4	91	0.02
30 C	Chloroform	50.000	55.860	-11.7#	107	0.00
31 T	Cyclohexane	50.000	49.158	1.7	100	0.00
32 T	1,1,1-Trichloroethane	50.000	56.382	-12.8	109	0.02
33 S	1,2-Dichloroethane-d4	50.000	55.274	-10.5	99	0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	54.463	-8.9	103	0.00
36 T	1,1-Dichloropropene	50.000	51.332	-2.7	104	0.00
37 T	Ethyl Acetate	50.000	51.351	-2.7	95	0.00
38 T	Carbon Tetrachloride	50.000	58.113	-16.2	113	0.00
39 T	Methylcyclohexane	50.000	51.080	-2.2	100	0.00
40 TM	Benzene	50.000	50.436	-0.9	105	0.02
41 T	Methacrylonitrile	50.000	43.987	12.0	91	0.00
42 TM	1,2-Dichloroethane	50.000	53.475	-7.0	105	0.00
43 T	Isopropyl Acetate	50.000	47.833	4.3	98	0.00
44 TM	Trichloroethene	50.000	54.253	-8.5	109	0.00
45 C	1,2-Dichloropropane	50.000	52.558	-5.1#	104	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	54.106	-8.2	108	0.02
47 T	Bromodichloromethane	50.000	55.239	-10.5	110	0.00
48 T	Methyl methacrylate	50.000	49.490	1.0	96	0.00
49 T	1,4-Dioxane	1000.000	795.764	20.4#	76	0.00
50 S	Toluene-d8	50.000	51.917	-3.8	99	0.02
51 T	4-Methyl-2-Pentanone	250.000	249.507	0.2	100	0.00
52 CM	Toluene	50.000	50.864	-1.7#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	50.577	-1.2	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.814	-3.6	101	0.00
55 T	1,1,2-Trichloroethane	50.000	53.708	-7.4	106	0.00
56 T	Ethyl methacrylate	50.000	50.463	-0.9	103	0.00
57 T	1,3-Dichloropropane	50.000	53.109	-6.2	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	223.185	10.7	94	0.00
59 T	2-Hexanone	250.000	240.624	3.8	97	0.00
60 T	Dibromochloromethane	50.000	55.322	-10.6	107	0.00
61 T	1,2-Dibromoethane	50.000	51.869	-3.7	102	0.02
62 S	4-Bromofluorobenzene	50.000	50.874	-1.7	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.02
64 T	Tetrachloroethene	50.000	50.710	-1.4	106	0.00
65 PM	Chlorobenzene	50.000	53.626	-7.3	110	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.771	-7.5	109	0.00
67 C	Ethyl Benzene	50.000	52.043	-4.1#	107	0.00
68 T	m/p-Xylenes	100.000	104.858	-4.9	112	0.00
69 T	o-Xylene	50.000	53.555	-7.1	110	0.00
70 T	Styrene	50.000	51.283	-2.6	107	0.00
71 P	Bromoform	50.000	48.553	2.9	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	53.679	-7.4	111	0.00
74 T	N-amyl acetate	50.000	47.814	4.4	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.196	-0.4	103	0.00
76 T	1,2,3-Trichloropropane	50.000	48.999	2.0	105	0.00
77 T	Bromobenzene	50.000	52.967	-5.9	110	0.00
78 T	n-propylbenzene	50.000	51.900	-3.8	111	0.00
79 T	2-Chlorotoluene	50.000	51.879	-3.8	109	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.756	-5.5	111	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.460	15.1	94	0.00
82 T	4-Chlorotoluene	50.000	52.655	-5.3	111	0.00
83 T	tert-Butylbenzene	50.000	51.502	-3.0	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.133	-4.3	108	0.00
85 T	sec-Butylbenzene	50.000	52.650	-5.3	111	0.00
86 T	p-Isopropyltoluene	50.000	52.586	-5.2	111	0.00
87 T	1,3-Dichlorobenzene	50.000	51.839	-3.7	113	0.00
88 T	1,4-Dichlorobenzene	50.000	52.944	-5.9	109	0.00
89 T	n-Butylbenzene	50.000	52.686	-5.4	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.653	-3.3	106	0.00
91 T	1,2-Dichlorobenzene	50.000	51.251	-2.5	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.711	-1.4	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.028	-6.1	111	0.00
94 T	Hexachlorobutadiene	50.000	54.571	-9.1	113	0.00
95 T	Naphthalene	50.000	53.354	-6.7	109	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.449	-6.9	110	0.00

(#) = Out of Range

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