

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF053119\
 Data File : VF062819.D
 Acq On : 31 May 2019 20:02
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 01 01:46:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	52.601	-5.2	86	0.00
3 P	Chloromethane	50.000	52.813	-5.6	94	0.00
4 C	Vinyl Chloride	50.000	49.943	0.1#	87	-0.01
5 T	Bromomethane	50.000	54.581	-9.2	85	-0.01
6 T	Chloroethane	50.000	56.687	-13.4	87	-0.01
7 T	Trichlorofluoromethane	50.000	55.988	-12.0	92	-0.01
8 T	Diethyl Ether	50.000	51.373	-2.7	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.013	-10.0	94	-0.02
10 T	Methyl Iodide	50.000	54.778	-9.6	94	-0.02
11 T	Tert butyl alcohol	250.000	292.095	-16.8	105	-0.01
12 CM	1,1-Dichloroethene	50.000	56.862	-13.7#	97	-0.01
13 T	Acrolein	250.000	300.284	-20.1	108	-0.01
14 T	Allyl chloride	50.000	61.630	-23.3	91	0.00
15 T	Acrylonitrile	250.000	183.571	26.6#	60	-0.01
16 T	Acetone	250.000	241.416	3.4	76	0.00
17 T	Carbon Disulfide	50.000	55.947	-11.9	95	-0.01
18 T	Methyl Acetate	50.000	52.909	-5.8	92	-0.01
19 T	Methyl tert-butyl Ether	50.000	55.875	-11.8	97	0.00
20 T	Methylene Chloride	50.000	59.987	-20.0	95	-0.01
21 T	trans-1,2-Dichloroethene	50.000	59.111	-18.2	94	0.00
22 T	Diisopropyl ether	50.000	56.056	-12.1	95	0.00
23 T	Vinyl Acetate	250.000	274.008	-9.6	91	0.00
24 P	1,1-Dichloroethane	50.000	56.860	-13.7	93	0.00
25 T	2-Butanone	250.000	258.388	-3.4	90	0.00
26 T	2,2-Dichloropropane	50.000	56.977	-14.0	96	-0.01
27 T	cis-1,2-Dichloroethene	50.000	55.025	-10.0	89	-0.01
28 T	Bromochloromethane	50.000	59.150	-18.3	97	-0.01
29	Tetrahydrofuran	250.000	302.213	-20.9	102	-0.01
30 C	Chloroform	50.000	54.409	-8.8#	90	0.00
31 T	Cyclohexane	50.000	54.042	-8.1	88	0.00
32 T	1,1,1-Trichloroethane	50.000	62.751	-25.5#	116	0.00
33 S	1,2-Dichloroethane-d4	50.000	58.698	-17.4	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	-0.01
35 S	Dibromofluoromethane	50.000	56.724	-13.4	92	0.00
36 T	1,1-Dichloropropene	50.000	52.176	-4.4	87	-0.01
37 T	Ethyl Acetate	50.000	59.497	-19.0	99	0.00
38 T	Carbon Tetrachloride	50.000	62.040	-24.1	106	0.00
39 T	Methylcyclohexane	50.000	53.945	-7.9	89	0.00
40 TM	Benzene	50.000	52.203	-4.4	83	0.00
41 T	Methacrylonitrile	50.000	54.425	-8.8	94	0.00
42 TM	1,2-Dichloroethane	50.000	55.569	-11.1	92	0.00
43 T	Isopropyl Acetate	50.000	51.767	-3.5	90	0.00
44 TM	Trichloroethene	50.000	52.543	-5.1	88	0.00
45 C	1,2-Dichloropropane	50.000	55.500	-11.0#	91	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	54.572	-9.1	93	0.00
47 T	Bromodichloromethane	50.000	53.554	-7.1	90	-0.01
48 T	Methyl methacrylate	50.000	57.403	-14.8	90	0.00
49 T	1,4-Dioxane	1000.000	1161.376	-16.1	105	0.00
50 S	Toluene-d8	50.000	54.916	-9.8	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	265.718	-6.3	92	0.00
52 CM	Toluene	50.000	51.169	-2.3#	85	-0.01
53 T	t-1,3-Dichloropropene	50.000	52.554	-5.1	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.165	-6.3	87	0.00
55 T	1,1,2-Trichloroethane	50.000	52.892	-5.8	89	0.00
56 T	Ethyl methacrylate	50.000	55.606	-11.2	92	-0.01
57 T	1,3-Dichloropropane	50.000	56.051	-12.1	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	259.568	-3.8	88	0.00
59 T	2-Hexanone	250.000	256.462	-2.6	90	0.00
60 T	Dibromochloromethane	50.000	56.937	-13.9	90	0.00
61 T	1,2-Dibromoethane	50.000	53.055	-6.1	87	0.00
62 S	4-Bromofluorobenzene	50.000	56.793	-13.6	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	50.603	-1.2	85	0.00
65 PM	Chlorobenzene	50.000	50.991	-2.0	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.196	-2.4	90	0.00
67 C	Ethyl Benzene	50.000	52.203	-4.4#	92	0.00
68 T	m/p-Xylenes	100.000	105.155	-5.2	92	0.00
69 T	o-Xylene	50.000	50.291	-0.6	84	0.00
70 T	Styrene	50.000	52.480	-5.0	89	0.00
71 P	Bromoform	50.000	54.700	-9.4	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	47.970	4.1	86	-0.01
74 T	N-amyl acetate	50.000	45.395	9.2	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.235	1.5	90	0.00
76 T	1,2,3-Trichloropropane	50.000	47.557	4.9	90	0.00
77 T	Bromobenzene	50.000	48.089	3.8	90	0.00
78 T	n-propylbenzene	50.000	46.463	7.1	84	0.00
79 T	2-Chlorotoluene	50.000	46.240	7.5	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.820	4.4	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.583	-3.2	91	0.00
82 T	4-Chlorotoluene	50.000	48.792	2.4	89	0.00
83 T	tert-Butylbenzene	50.000	51.054	-2.1	94	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.543	-3.1	94	0.00
85 T	sec-Butylbenzene	50.000	50.822	-1.6	89	0.00
86 T	p-Isopropyltoluene	50.000	51.764	-3.5	95	0.00
87 T	1,3-Dichlorobenzene	50.000	51.144	-2.3	98	0.00
88 T	1,4-Dichlorobenzene	50.000	50.717	-1.4	95	0.00
89 T	n-Butylbenzene	50.000	47.925	4.2	91	0.00

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90 T	Hexachloroethane	50.000	52.421	-4.8	91	0.00
91 T	1,2-Dichlorobenzene	50.000	50.958	-1.9	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.797	-5.6	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.456	5.1	86	0.00
94 T	Hexachlorobutadiene	50.000	49.021	2.0	86	0.00
95 T	Naphthalene	50.000	49.822	0.4	90	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.540	0.9	90	0.00

(#) = Out of Range

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