

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF061019\
 Data File : VF062905.D
 Acq On : 10 Jun 2019 13:56
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 11 01:41:50 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	94	-0.02
2 T	Dichlorodifluoromethane	50.000	46.628	6.7	85	0.00
3 P	Chloromethane	50.000	45.616	8.8	89	0.00
4 C	Vinyl Chloride	50.000	47.633	4.7#	91	0.00
5 T	Bromomethane	50.000	50.328	-0.7	86	-0.02
6 T	Chloroethane	50.000	51.903	-3.8	88	-0.02
7 T	Trichlorofluoromethane	50.000	52.813	-5.6	95	-0.02
8 T	Diethyl Ether	50.000	48.264	3.5	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.037	3.9	90	-0.03
10 T	Methyl Iodide	50.000	48.326	3.3	91	-0.03
11 T	Tert butyl alcohol	250.000	268.065	-7.2	105	-0.02
12 CM	1,1-Dichloroethene	50.000	47.517	5.0#	89	-0.02
13 T	Acrolein	250.000	258.119	-3.2	102	-0.02
14 T	Allyl chloride	50.000	66.325	-32.7#	107	-0.02
15 T	Acrylonitrile	250.000	287.909	-15.2	103	-0.02
16 T	Acetone	250.000	262.963	-5.2	91	-0.02
17 T	Carbon Disulfide	50.000	47.281	5.4	88	-0.02
18 T	Methyl Acetate	50.000	43.405	13.2	82	-0.02
19 T	Methyl tert-butyl Ether	50.000	49.112	1.8	94	0.00
20 T	Methylene Chloride	50.000	53.164	-6.3	93	-0.08
21 T	trans-1,2-Dichloroethene	50.000	50.914	-1.8	88	-0.02
22 T	Diisopropyl ether	50.000	48.949	2.1	91	-0.02
23 T	Vinyl Acetate	250.000	260.082	-4.0	94	-0.02
24 P	1,1-Dichloroethane	50.000	52.994	-6.0	95	-0.02
25 T	2-Butanone	250.000	249.622	0.2	95	-0.03
26 T	2,2-Dichloropropane	50.000	64.199	-28.4#	118	-0.02
27 T	cis-1,2-Dichloroethene	50.000	54.184	-8.4	96	-0.03
28 T	Bromochloromethane	50.000	52.735	-5.5	95	-0.03
29	Tetrahydrofuran	250.000	257.380	-3.0	95	-0.03
30 C	Chloroform	50.000	51.746	-3.5#	93	-0.03
31 T	Cyclohexane	50.000	50.611	-1.2	91	-0.03
32 T	1,1,1-Trichloroethane	50.000	59.562	-19.1	120	-0.02
33 S	1,2-Dichloroethane-d4	50.000	47.614	4.8	83	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	-0.03
35 S	Dibromofluoromethane	50.000	49.804	0.4	87	-0.02
36 T	1,1-Dichloropropene	50.000	52.047	-4.1	93	-0.03
37 T	Ethyl Acetate	50.000	48.308	3.4	86	-0.03
38 T	Carbon Tetrachloride	50.000	58.048	-16.1	106	-0.02
39 T	Methylcyclohexane	50.000	54.432	-8.9	96	-0.02
40 TM	Benzene	50.000	52.377	-4.8	89	-0.02
41 T	Methacrylonitrile	50.000	53.023	-6.0	98	-0.02
42 TM	1,2-Dichloroethane	50.000	51.971	-3.9	92	-0.02
43 T	Isopropyl Acetate	50.000	48.880	2.2	90	-0.02
44 TM	Trichloroethene	50.000	52.132	-4.3	94	-0.02
45 C	1,2-Dichloropropane	50.000	53.292	-6.6#	93	-0.03

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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	54.389	-8.8	99	-0.03
47 T	Bromodichloromethane	50.000	53.700	-7.4	96	-0.03
48 T	Methyl methacrylate	50.000	52.875	-5.8	89	-0.02
49 T	1,4-Dioxane	1000.000	1065.940	-6.6	103	-0.02
50 S	Toluene-d8	50.000	50.738	-1.5	88	-0.03
51 T	4-Methyl-2-Pentanone	250.000	256.450	-2.6	95	-0.03
52 CM	Toluene	50.000	53.728	-7.5#	96	-0.02
53 T	t-1,3-Dichloropropene	50.000	53.414	-6.8	93	-0.02
54 T	cis-1,3-Dichloropropene	50.000	52.798	-5.6	92	-0.02
55 T	1,1,2-Trichloroethane	50.000	52.777	-5.6	95	-0.02
56 T	Ethyl methacrylate	50.000	51.816	-3.6	91	-0.03
57 T	1,3-Dichloropropane	50.000	53.157	-6.3	93	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	234.426	6.2	85	-0.02
59 T	2-Hexanone	250.000	241.763	3.3	90	-0.02
60 T	Dibromochloromethane	50.000	56.139	-12.3	95	-0.02
61 T	1,2-Dibromoethane	50.000	53.415	-6.8	94	-0.03
62 S	4-Bromofluorobenzene	50.000	46.777	6.4	81	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	-0.02
64 T	Tetrachloroethene	50.000	51.439	-2.9	87	-0.02
65 PM	Chlorobenzene	50.000	51.975	-4.0	91	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	55.452	-10.9	99	-0.02
67 C	Ethyl Benzene	50.000	52.668	-5.3#	94	-0.02
68 T	m/p-Xylenes	100.000	101.559	-1.6	90	-0.02
69 T	o-Xylene	50.000	53.803	-7.6	91	-0.02
70 T	Styrene	50.000	52.594	-5.2	91	-0.02
71 P	Bromoform	50.000	57.883	-15.8	98	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	-0.02
73 T	Isopropylbenzene	50.000	53.359	-6.7	90	-0.02
74 T	N-amyl acetate	50.000	46.275	7.5	84	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	52.178	-4.4	90	-0.02
76 T	1,2,3-Trichloropropane	50.000	50.415	-0.8	89	-0.02
77 T	Bromobenzene	50.000	51.982	-4.0	91	-0.02
78 T	n-propylbenzene	50.000	50.827	-1.7	86	-0.02
79 T	2-Chlorotoluene	50.000	50.548	-1.1	86	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.758	-3.5	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.622	4.8	79	-0.02
82 T	4-Chlorotoluene	50.000	50.814	-1.6	87	-0.02
83 T	tert-Butylbenzene	50.000	56.789	-13.6	97	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	54.730	-9.5	93	0.00
85 T	sec-Butylbenzene	50.000	56.727	-13.5	93	0.00
86 T	p-Isopropyltoluene	50.000	54.073	-8.1	93	-0.02
87 T	1,3-Dichlorobenzene	50.000	51.946	-3.9	93	0.00
88 T	1,4-Dichlorobenzene	50.000	52.577	-5.2	92	0.00
89 T	n-Butylbenzene	50.000	53.228	-6.5	94	-0.02

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90 T	Hexachloroethane	50.000	59.272	-18.5	96	-0.02
91 T	1,2-Dichlorobenzene	50.000	53.342	-6.7	91	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.823	-15.6	99	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	56.351	-12.7	96	-0.02
94 T	Hexachlorobutadiene	50.000	57.771	-15.5	95	-0.02
95 T	Naphthalene	50.000	57.848	-15.7	97	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	57.514	-15.0	98	0.00

(#) = Out of Range

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