

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF042619\
 Data File : VF062312.D
 Acq On : 26 Apr 2019 19:17
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 27 01:21:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 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	75	0.02
2 T	Dichlorodifluoromethane	50.000	53.246	-6.5	90	0.00
3 P	Chloromethane	50.000	47.326	5.3	80	0.00
4 C	Vinyl Chloride	50.000	49.017	2.0#	83	0.00
5 T	Bromomethane	50.000	56.089	-12.2	89	0.00
6 T	Chloroethane	50.000	56.860	-13.7	88	0.00
7 T	Trichlorofluoromethane	50.000	62.221	-24.4#	101	0.01
8 T	Diethyl Ether	50.000	54.344	-8.7	98	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	57.855	-15.7	97	0.01
10 T	Methyl Iodide	50.000	55.886	-11.8	93	0.01
11 T	Tert butyl alcohol	250.000	298.583	-19.4	96	0.02
12 CM	1,1-Dichloroethene	50.000	55.447	-10.9#	89	0.01
13 T	Acrolein	250.000	268.961	-7.6	78	0.01
14 T	Allyl chloride	50.000	56.144	-12.3	96	0.01
15 T	Acrylonitrile	250.000	276.076	-10.4	84	0.02
16 T	Acetone	250.000	298.357	-19.3	97	0.02
17 T	Carbon Disulfide	50.000	52.194	-4.4	87	0.00
18 T	Methyl Acetate	50.000	58.720	-17.4	97	0.02
19 T	Methyl tert-butyl Ether	50.000	58.326	-16.7	90	0.02
20 T	Methylene Chloride	50.000	56.857	-13.7	90	0.01
21 T	trans-1,2-Dichloroethene	50.000	54.223	-8.4	92	0.01
22 T	Diisopropyl ether	50.000	54.063	-8.1	92	0.01
23 T	Vinyl Acetate	250.000	272.804	-9.1	88	0.02
24 P	1,1-Dichloroethane	50.000	58.998	-18.0	98	0.02
25 T	2-Butanone	250.000	273.199	-9.3	92	0.02
26 T	2,2-Dichloropropane	50.000	56.997	-14.0	92	0.03
27 T	cis-1,2-Dichloroethene	50.000	52.917	-5.8	87	0.02
28 T	Bromochloromethane	50.000	46.703	6.6	71	0.02
29 T	Tetrahydrofuran	250.000	262.027	-4.8	86	0.03
30 C	Chloroform	50.000	58.613	-17.2#	95	0.03
31 T	Cyclohexane	50.000	50.533	-1.1	82	0.03
32 T	1,1,1-Trichloroethane	50.000	47.339	5.3	76	0.02
33 S	1,2-Dichloroethane-d4	50.000	53.660	-7.3	81	0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.02
35 S	Dibromofluoromethane	50.000	48.682	2.6	74	0.02
36 T	1,1-Dichloropropene	50.000	56.263	-12.5	93	0.02
37 T	Ethyl Acetate	50.000	53.128	-6.3	92	0.03
38 T	Carbon Tetrachloride	50.000	55.432	-10.9	100	0.03
39 T	Methylcyclohexane	50.000	53.296	-6.6	88	0.02
40 TM	Benzene	50.000	50.541	-1.1	87	0.03
41 T	Methacrylonitrile	50.000	53.870	-7.7	87	0.03
42 TM	1,2-Dichloroethane	50.000	61.412	-22.8#	102	0.03
43 T	Isopropyl Acetate	50.000	50.913	-1.8	90	0.03
44 TM	Trichloroethene	50.000	53.062	-6.1	91	0.03
45 C	1,2-Dichloropropane	50.000	54.173	-8.3#	95	0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	57.967	-15.9	97	0.03
47 T	Bromodichloromethane	50.000	58.530	-17.1	100	0.02
48 T	Methyl methacrylate	50.000	49.961	0.1	90	0.03
49 T	1,4-Dioxane	1000.000	998.733	0.1	89	0.02
50 S	Toluene-d8	50.000	46.612	6.8	73	0.02
51 T	4-Methyl-2-Pentanone	250.000	255.065	-2.0	91	0.02
52 CM	Toluene	50.000	50.089	-0.2#	88	0.02
53 T	t-1,3-Dichloropropene	50.000	52.519	-5.0	91	0.03
54 T	cis-1,3-Dichloropropene	50.000	53.532	-7.1	91	0.03
55 T	1,1,2-Trichloroethane	50.000	53.459	-6.9	93	0.02
56 T	Ethyl methacrylate	50.000	51.578	-3.2	91	0.02
57 T	1,3-Dichloropropane	50.000	52.898	-5.8	93	0.03
58 T	2-Chloroethyl Vinyl ether	250.000	206.303	17.5	66	0.03
59 T	2-Hexanone	250.000	273.138	-9.3	93	0.02
60 T	Dibromochloromethane	50.000	56.446	-12.9	96	0.03
61 T	1,2-Dibromoethane	50.000	53.230	-6.5	90	0.02
62 S	4-Bromofluorobenzene	50.000	45.081	9.8	75	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.02
64 T	Tetrachloroethene	50.000	57.036	-14.1	94	0.03
65 PM	Chlorobenzene	50.000	55.253	-10.5	93	0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	57.562	-15.1	94	0.03
67 C	Ethyl Benzene	50.000	54.578	-9.2#	93	0.03
68 T	m/p-Xylenes	100.000	103.796	-3.8	88	0.03
69 T	o-Xylene	50.000	53.101	-6.2	87	0.02
70 T	Styrene	50.000	51.143	-2.3	87	0.02
71 P	Bromoform	50.000	55.710	-11.4	90	0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.01
73 T	Isopropylbenzene	50.000	55.913	-11.8	89	0.02
74 T	N-amyl acetate	50.000	50.570	-1.1	93	0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	54.347	-8.7	85	0.02
76 T	1,2,3-Trichloropropane	50.000	55.102	-10.2	90	0.02
77 T	Bromobenzene	50.000	57.331	-14.7	93	0.02
78 T	n-propylbenzene	50.000	53.181	-6.4	88	0.01
79 T	2-Chlorotoluene	50.000	55.505	-11.0	91	0.02
80 T	1,3,5-Trimethylbenzene	50.000	55.746	-11.5	90	0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	49.628	0.7	93	0.01
82 T	4-Chlorotoluene	50.000	55.019	-10.0	89	0.02
83 T	tert-Butylbenzene	50.000	57.832	-15.7	95	0.01
84 T	1,2,4-Trimethylbenzene	50.000	53.752	-7.5	91	0.01
85 T	sec-Butylbenzene	50.000	56.424	-12.8	92	0.02
86 T	p-Isopropyltoluene	50.000	56.517	-13.0	95	0.02
87 T	1,3-Dichlorobenzene	50.000	55.391	-10.8	97	0.02
88 T	1,4-Dichlorobenzene	50.000	55.711	-11.4	94	0.02
89 T	n-Butylbenzene	50.000	54.001	-8.0	93	0.01

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

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90 T	Hexachloroethane	50.000	58.065	-16.1	92	0.02
91 T	1,2-Dichlorobenzene	50.000	55.300	-10.6	95	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.561	-17.1	93	0.01
93 T	1,2,4-Trichlorobenzene	50.000	56.798	-13.6	94	0.01
94 T	Hexachlorobutadiene	50.000	60.517	-21.0#	98	0.01
95 T	Naphthalene	50.000	61.083	-22.2#	98	0.01
96 T	1,2,3-Trichlorobenzene	50.000	60.578	-21.2#	99	0.02

(#) = Out of Range

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