

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD060419\
 Data File : VD062609.D
 Acq On : 4 Jun 2019 20:15
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 05 04:42:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 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	79	-0.02
2 T	Dichlorodifluoromethane	50.000	53.952	-7.9	89	0.00
3 P	Chloromethane	50.000	45.557	8.9	71	0.00
4 C	Vinyl Chloride	50.000	56.354	-12.7#	84	0.00
5 T	Bromomethane	50.000	97.004	-94.0#	114	0.00
6 T	Chloroethane	50.000	67.638	-35.3#	92	0.00
7 T	Trichlorofluoromethane	50.000	66.841	-33.7#	98	0.00
8 T	Diethyl Ether	50.000	70.439	-40.9#	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	58.662	-17.3	88	-0.02
10 T	Methyl Iodide	50.000	64.294	-28.6#	78	0.00
11 T	Tert butyl alcohol	250.000	321.268	-28.5#	96	-0.02
12 CM	1,1-Dichloroethene	50.000	61.699	-23.4#	90	0.00
13 T	Acrolein	250.000	188.216	24.7#	57	0.00
14 T	Allyl chloride	50.000	55.056	-10.1	77	0.00
15 T	Acrylonitrile	250.000	293.647	-17.5	86	-0.02
16 T	Acetone	250.000	296.678	-18.7	85	0.00
17 T	Carbon Disulfide	50.000	52.209	-4.4	76	0.00
18 T	Methyl Acetate	50.000	56.364	-12.7	97	-0.02
19 T	Methyl tert-butyl Ether	50.000	61.060	-22.1#	87	-0.02
20 T	Methylene Chloride	50.000	54.199	-8.4	82	-0.02
21 T	trans-1,2-Dichloroethene	50.000	55.749	-11.5	83	-0.02
22 T	Diisopropyl ether	50.000	59.633	-19.3	85	-0.02
23 T	Vinyl Acetate	250.000	308.127	-23.3#	86	-0.02
24 P	1,1-Dichloroethane	50.000	59.663	-19.3	85	-0.03
25 T	2-Butanone	250.000	288.774	-15.5	80	-0.02
26 T	2,2-Dichloropropane	50.000	60.507	-21.0#	88	-0.03
27 T	cis-1,2-Dichloroethene	50.000	59.065	-18.1	84	-0.03
28 T	Bromochloromethane	50.000	48.881	2.2	75	-0.03
29	Tetrahydrofuran	250.000	309.401	-23.8#	84	-0.03
30 C	Chloroform	50.000	65.444	-30.9#	92	-0.03
31 T	Cyclohexane	50.000	51.939	-3.9	74	-0.03
32 T	1,1,1-Trichloroethane	50.000	65.161	-30.3#	94	-0.03
33 S	1,2-Dichloroethane-d4	50.000	67.667	-35.3#	97	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	76	-0.02
35 S	Dibromofluoromethane	50.000	63.803	-27.6#	86	-0.02
36 T	1,1-Dichloropropene	50.000	59.164	-18.3	84	-0.03
37 T	Ethyl Acetate	50.000	55.780	-11.6	82	-0.02
38 T	Carbon Tetrachloride	50.000	69.706	-39.4#	95	-0.02
39 T	Methylcyclohexane	50.000	59.428	-18.9	86	-0.02
40 TM	Benzene	50.000	59.871	-19.7	84	-0.03
41 T	Methacrylonitrile	50.000	65.534	-31.1#	92	-0.03
42 TM	1,2-Dichloroethane	50.000	66.929	-33.9#	89	-0.03
43 T	Isopropyl Acetate	50.000	62.851	-25.7#	83	-0.02
44 TM	Trichloroethene	50.000	59.318	-18.6	84	-0.02
45 C	1,2-Dichloropropane	50.000	59.944	-19.9#	80	-0.03

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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)
46 T	Dibromomethane	50.000	67.396	-34.8#	91	-0.02
47 T	Bromodichloromethane	50.000	65.162	-30.3#	89	-0.02
48 T	Methyl methacrylate	50.000	67.498	-35.0#	90	-0.02
49 T	1,4-Dioxane	1000.000	1289.100	-28.9#	89	-0.04
50 S	Toluene-d8	50.000	58.543	-17.1	82	-0.02
51 T	4-Methyl-2-Pentanone	250.000	322.348	-28.9#	88	-0.02
52 CM	Toluene	50.000	58.983	-18.0#	81	-0.02
53 T	t-1,3-Dichloropropene	50.000	64.182	-28.4#	85	-0.02
54 T	cis-1,3-Dichloropropene	50.000	62.606	-25.2#	84	-0.02
55 T	1,1,2-Trichloroethane	50.000	62.134	-24.3#	87	-0.02
56 T	Ethyl methacrylate	50.000	65.394	-30.8#	96	-0.02
57 T	1,3-Dichloropropane	50.000	60.646	-21.3#	84	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	297.702	-19.1	86	-0.02
59 T	2-Hexanone	250.000	322.387	-29.0#	85	-0.02
60 T	Dibromochloromethane	50.000	67.065	-34.1#	91	-0.02
61 T	1,2-Dibromoethane	50.000	65.528	-31.1#	89	-0.02
62 S	4-Bromofluorobenzene	50.000	64.703	-29.4#	92	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	-0.02
64 T	Tetrachloroethene	50.000	57.279	-14.6	84	-0.02
65 PM	Chlorobenzene	50.000	60.859	-21.7#	86	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	63.211	-26.4#	87	0.00
67 C	Ethyl Benzene	50.000	58.847	-17.7#	84	0.00
68 T	m/p-Xylenes	100.000	121.045	-21.0#	90	-0.02
69 T	o-Xylene	50.000	58.597	-17.2	85	-0.02
70 T	Styrene	50.000	57.823	-15.6	85	-0.02
71 P	Bromoform	50.000	64.546	-29.1#	94	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	-0.02
73 T	Isopropylbenzene	50.000	58.916	-17.8	89	-0.02
74 T	N-amyl acetate	50.000	59.793	-19.6	91	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	63.626	-27.3#	89	-0.02
76 T	1,2,3-Trichloropropane	50.000	63.307	-26.6#	92	-0.02
77 T	Bromobenzene	50.000	59.764	-19.5	84	-0.02
78 T	n-propylbenzene	50.000	61.626	-23.3#	94	0.00
79 T	2-Chlorotoluene	50.000	59.631	-19.3	90	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	55.845	-11.7	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.919	-7.8	78	-0.02
82 T	4-Chlorotoluene	50.000	58.439	-16.9	88	-0.02
83 T	tert-Butylbenzene	50.000	57.056	-14.1	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.689	-11.4	88	0.00
85 T	sec-Butylbenzene	50.000	59.156	-18.3	89	-0.02
86 T	p-Isopropyltoluene	50.000	58.787	-17.6	87	0.00
87 T	1,3-Dichlorobenzene	50.000	64.219	-28.4#	94	-0.02
88 T	1,4-Dichlorobenzene	50.000	61.344	-22.7#	87	-0.02
89 T	n-Butylbenzene	50.000	59.033	-18.1	84	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	62.996	-26.0#	92	-0.02
91 T	1,2-Dichlorobenzene	50.000	63.429	-26.9#	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	65.048	-30.1#	84	0.00
93 T	1,2,4-Trichlorobenzene	50.000	58.708	-17.4	84	-0.02
94 T	Hexachlorobutadiene	50.000	61.016	-22.0#	87	0.00
95 T	Naphthalene	50.000	63.020	-26.0#	88	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	58.180	-16.4	83	-0.02

(#) = Out of Range

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