

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD062719\
 Data File : VD062946.D
 Acq On : 27 Jun 2019 21:55
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 28 05:10:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 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	74	-0.03
2 T	Dichlorodifluoromethane	50.000	50.697	-1.4	76	-0.01
3 P	Chloromethane	50.000	48.251	3.5	75	0.00
4 C	Vinyl Chloride	50.000	51.228	-2.5#	75	-0.01
5 T	Bromomethane	50.000	45.821	8.4	59	-0.02
6 T	Chloroethane	50.000	57.507	-15.0	80	-0.01
7 T	Trichlorofluoromethane	50.000	56.325	-12.7	82	-0.02
8 T	Diethyl Ether	50.000	62.952	-25.9#	83	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.814	-3.6	78	-0.03
10 T	Methyl Iodide	50.000	51.603	-3.2	73	-0.03
11 T	Tert butyl alcohol	250.000	320.570	-28.2#	101	-0.03
12 CM	1,1-Dichloroethene	50.000	48.429	3.1#	72	-0.03
13 T	Acrolein	250.000	251.653	-0.7	79	-0.02
14 T	Allyl chloride	50.000	55.226	-10.5	78	-0.03
15 T	Acrylonitrile	250.000	297.887	-19.2	87	-0.03
16 T	Acetone	250.000	313.298	-25.3#	92	-0.03
17 T	Carbon Disulfide	50.000	47.998	4.0	70	-0.03
18 T	Methyl Acetate	50.000	72.182	-44.4#	110	-0.02
19 T	Methyl tert-butyl Ether	50.000	57.435	-14.9	80	-0.03
20 T	Methylene Chloride	50.000	55.185	-10.4	83	-0.03
21 T	trans-1,2-Dichloroethene	50.000	54.567	-9.1	80	-0.04
22 T	Diisopropyl ether	50.000	58.016	-16.0	85	-0.04
23 T	Vinyl Acetate	250.000	290.515	-16.2	84	-0.03
24 P	1,1-Dichloroethane	50.000	56.933	-13.9	82	-0.04
25 T	2-Butanone	250.000	321.947	-28.8#	93	-0.03
26 T	2,2-Dichloropropane	50.000	53.601	-7.2	76	-0.03
27 T	cis-1,2-Dichloroethene	50.000	58.003	-16.0	85	-0.04
28 T	Bromochloromethane	50.000	58.369	-16.7	87	-0.04
29	Tetrahydrofuran	250.000	314.412	-25.8#	94	-0.04
30 C	Chloroform	50.000	59.989	-20.0#	87	-0.04
31 T	Cyclohexane	50.000	49.902	0.2	73	-0.04
32 T	1,1,1-Trichloroethane	50.000	58.438	-16.9	83	-0.03
33 S	1,2-Dichloroethane-d4	50.000	55.225	-10.5	86	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	77	-0.03
35 S	Dibromofluoromethane	50.000	49.337	1.3	82	-0.03
36 T	1,1-Dichloropropene	50.000	54.836	-9.7	81	-0.03
37 T	Ethyl Acetate	50.000	59.138	-18.3	90	-0.03
38 T	Carbon Tetrachloride	50.000	54.996	-10.0	82	-0.04
39 T	Methylcyclohexane	50.000	49.445	1.1	73	-0.03
40 TM	Benzene	50.000	55.746	-11.5	83	-0.03
41 T	Methacrylonitrile	50.000	59.250	-18.5	90	-0.02
42 TM	1,2-Dichloroethane	50.000	64.609	-29.2#	94	-0.03
43 T	Isopropyl Acetate	50.000	63.722	-27.4#	92	-0.02
44 TM	Trichloroethene	50.000	53.465	-6.9	79	-0.03
45 C	1,2-Dichloropropane	50.000	53.725	-7.5#	82	-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	61.762	-23.5#	94	-0.03
47 T	Bromodichloromethane	50.000	62.456	-24.9#	89	-0.03
48 T	Methyl methacrylate	50.000	60.746	-21.5#	95	-0.02
49 T	1,4-Dioxane	1000.000	1367.708	-36.8#	104	-0.03
50 S	Toluene-d8	50.000	49.038	1.9	76	-0.03
51 T	4-Methyl-2-Pentanone	250.000	318.993	-27.6#	98	-0.02
52 CM	Toluene	50.000	54.289	-8.6#	80	-0.02
53 T	t-1,3-Dichloropropene	50.000	61.151	-22.3#	92	-0.02
54 T	cis-1,3-Dichloropropene	50.000	52.618	-5.2	78	-0.02
55 T	1,1,2-Trichloroethane	50.000	57.119	-14.2	90	-0.02
56 T	Ethyl methacrylate	50.000	58.028	-16.1	86	-0.02
57 T	1,3-Dichloropropane	50.000	61.393	-22.8#	92	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	305.698	-22.3#	95	-0.03
59 T	2-Hexanone	250.000	337.412	-35.0#	100	-0.02
60 T	Dibromochloromethane	50.000	62.954	-25.9#	95	-0.03
61 T	1,2-Dibromoethane	50.000	62.749	-25.5#	95	-0.02
62 S	4-Bromofluorobenzene	50.000	53.139	-6.3	86	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	72	-0.02
64 T	Tetrachloroethene	50.000	66.612	-33.2#	98	-0.02
65 PM	Chlorobenzene	50.000	57.812	-15.6	81	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	64.308	-28.6#	92	-0.01
67 C	Ethyl Benzene	50.000	60.564	-21.1#	89	-0.02
68 T	m/p-Xylenes	100.000	121.545	-21.5#	85	-0.01
69 T	o-Xylene	50.000	64.082	-28.2#	87	-0.02
70 T	Styrene	50.000	61.011	-22.0#	86	-0.01
71 P	Bromoform	50.000	65.218	-30.4#	92	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	-0.01
73 T	Isopropylbenzene	50.000	55.219	-10.4	89	-0.01
74 T	N-amyl acetate	50.000	61.358	-22.7#	92	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	59.159	-18.3	99	-0.01
76 T	1,2,3-Trichloropropane	50.000	62.044	-24.1#	99	-0.01
77 T	Bromobenzene	50.000	55.909	-11.8	86	-0.01
78 T	n-propylbenzene	50.000	53.484	-7.0	89	-0.02
79 T	2-Chlorotoluene	50.000	57.035	-14.1	91	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	55.845	-11.7	91	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	55.828	-11.7	89	-0.01
82 T	4-Chlorotoluene	50.000	57.178	-14.4	94	-0.01
83 T	tert-Butylbenzene	50.000	50.062	-0.1	79	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	57.492	-15.0	89	-0.02
85 T	sec-Butylbenzene	50.000	52.781	-5.6	87	-0.01
86 T	p-Isopropyltoluene	50.000	51.118	-2.2	78	-0.01
87 T	1,3-Dichlorobenzene	50.000	51.361	-2.7	81	-0.01
88 T	1,4-Dichlorobenzene	50.000	55.332	-10.7	88	-0.01
89 T	n-Butylbenzene	50.000	51.094	-2.2	85	-0.01

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.367	-10.7	84	-0.01
91 T	1,2-Dichlorobenzene	50.000	55.593	-11.2	89	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	62.088	-24.2#	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.620	-11.2	92	-0.01
94 T	Hexachlorobutadiene	50.000	53.156	-6.3	85	-0.01
95 T	Naphthalene	50.000	56.913	-13.8	88	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	60.708	-21.4#	98	-0.01

(#) = Out of Range

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