

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD052219\
 Data File : VD062497.D
 Acq On : 22 May 2019 12:00
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 23 03:32:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 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	104	-0.03
2 T	Dichlorodifluoromethane	50.000	61.038	-22.1#	125	0.00
3 P	Chloromethane	50.000	45.344	9.3	103	0.00
4 C	Vinyl Chloride	50.000	45.972	8.1#	100	-0.02
5 T	Bromomethane	50.000	42.853	14.3	92	0.00
6 T	Chloroethane	50.000	37.577	24.8#	77	-0.03
7 T	Trichlorofluoromethane	50.000	30.711	38.6#	64	0.00
8 T	Diethyl Ether	50.000	32.595	34.8#	72	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	32.696	34.6#	68	-0.02
10 T	Methyl Iodide	50.000	44.652	10.7	86	-0.02
11 T	Tert butyl alcohol	250.000	265.682	-6.3	112	-0.04
12 CM	1,1-Dichloroethene	50.000	31.625	36.8#	66	-0.02
13 T	Acrolein	250.000	171.509	31.4#	76	-0.02
14 T	Allyl chloride	50.000	40.717	18.6	90	-0.02
15 T	Acrylonitrile	250.000	274.403	-9.8	123	-0.04
16 T	Acetone	250.000	273.090	-9.2	108	-0.03
17 T	Carbon Disulfide	50.000	41.874	16.3	88	-0.02
18 T	Methyl Acetate	50.000	38.618	22.8#	86	-0.03
19 T	Methyl tert-butyl Ether	50.000	58.085	-16.2	126	-0.02
20 T	Methylene Chloride	50.000	46.778	6.4	96	-0.03
21 T	trans-1,2-Dichloroethene	50.000	55.646	-11.3	120	-0.03
22 T	Diisopropyl ether	50.000	56.618	-13.2	120	-0.04
23 T	Vinyl Acetate	250.000	284.087	-13.6	116	-0.04
24 P	1,1-Dichloroethane	50.000	54.342	-8.7	120	-0.04
25 T	2-Butanone	250.000	369.530	-47.8#	152	-0.03
26 T	2,2-Dichloropropane	50.000	61.086	-22.2#	127	-0.04
27 T	cis-1,2-Dichloroethene	50.000	58.973	-17.9	124	-0.04
28 T	Bromochloromethane	50.000	51.881	-3.8	109	-0.03
29	Tetrahydrofuran	250.000	281.318	-12.5	120	-0.04
30 C	Chloroform	50.000	57.950	-15.9#	120	-0.03
31 T	Cyclohexane	50.000	56.073	-12.1	114	-0.04
32 T	1,1,1-Trichloroethane	50.000	57.145	-14.3	114	-0.05
33 S	1,2-Dichloroethane-d4	50.000	55.467	-10.9	114	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	107	-0.03
35 S	Dibromofluoromethane	50.000	50.771	-1.5	106	-0.04
36 T	1,1-Dichloropropene	50.000	53.637	-7.3	120	-0.04
37 T	Ethyl Acetate	50.000	55.191	-10.4	120	-0.04
38 T	Carbon Tetrachloride	50.000	53.340	-6.7	116	-0.04
39 T	Methylcyclohexane	50.000	58.606	-17.2	130	-0.03
40 TM	Benzene	50.000	54.346	-8.7	117	-0.04
41 T	Methacrylonitrile	50.000	54.322	-8.6	116	-0.05
42 TM	1,2-Dichloroethane	50.000	52.710	-5.4	115	-0.03
43 T	Isopropyl Acetate	50.000	54.392	-8.8	119	-0.03
44 TM	Trichloroethene	50.000	52.249	-4.5	109	-0.04
45 C	1,2-Dichloropropane	50.000	50.348	-0.7#	112	-0.02

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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	54.571	-9.1	118	-0.03
47 T	Bromodichloromethane	50.000	55.321	-10.6	116	-0.03
48 T	Methyl methacrylate	50.000	55.533	-11.1	114	-0.04
49 T	1,4-Dioxane	1000.000	1133.185	-13.3	115	-0.03
50 S	Toluene-d8	50.000	49.131	1.7	104	-0.03
51 T	4-Methyl-2-Pentanone	250.000	268.505	-7.4	115	-0.03
52 CM	Toluene	50.000	54.382	-8.8#	117	-0.03
53 T	t-1,3-Dichloropropene	50.000	54.514	-9.0	118	-0.03
54 T	cis-1,3-Dichloropropene	50.000	55.148	-10.3	113	-0.03
55 T	1,1,2-Trichloroethane	50.000	53.146	-6.3	120	-0.03
56 T	Ethyl methacrylate	50.000	54.991	-10.0	118	-0.03
57 T	1,3-Dichloropropane	50.000	49.506	1.0	108	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	240.113	4.0	113	-0.03
59 T	2-Hexanone	250.000	314.125	-25.7#	131	-0.03
60 T	Dibromochloromethane	50.000	52.487	-5.0	110	-0.02
61 T	1,2-Dibromoethane	50.000	56.488	-13.0	120	-0.02
62 S	4-Bromofluorobenzene	50.000	48.048	3.9	101	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	-0.02
64 T	Tetrachloroethene	50.000	55.894	-11.8	110	-0.03
65 PM	Chlorobenzene	50.000	55.433	-10.9	116	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	55.956	-11.9	113	-0.02
67 C	Ethyl Benzene	50.000	58.384	-16.8#	118	-0.02
68 T	m/p-Xylenes	100.000	107.569	-7.6	107	-0.02
69 T	o-Xylene	50.000	52.034	-4.1	106	-0.02
70 T	Styrene	50.000	54.115	-8.2	112	-0.02
71 P	Bromoform	50.000	58.055	-16.1	117	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	-0.02
73 T	Isopropylbenzene	50.000	55.625	-11.3	108	-0.02
74 T	N-amyl acetate	50.000	58.258	-16.5	122	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	58.234	-16.5	124	-0.02
76 T	1,2,3-Trichloropropane	50.000	59.891	-19.8	125	-0.02
77 T	Bromobenzene	50.000	58.849	-17.7	119	-0.02
78 T	n-propylbenzene	50.000	60.872	-21.7#	133	-0.02
79 T	2-Chlorotoluene	50.000	56.531	-13.1	124	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	54.958	-9.9	111	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	58.295	-16.6	123	-0.02
82 T	4-Chlorotoluene	50.000	56.945	-13.9	116	-0.02
83 T	tert-Butylbenzene	50.000	56.258	-12.5	116	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	54.849	-9.7	113	-0.02
85 T	sec-Butylbenzene	50.000	55.455	-10.9	115	-0.02
86 T	p-Isopropyltoluene	50.000	57.934	-15.9	116	-0.02
87 T	1,3-Dichlorobenzene	50.000	54.361	-8.7	107	-0.02
88 T	1,4-Dichlorobenzene	50.000	54.682	-9.4	113	-0.02
89 T	n-Butylbenzene	50.000	55.424	-10.8	116	-0.02

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
90 T	Hexachloroethane	50.000	58.286	-16.6	120	-0.02
91 T	1,2-Dichlorobenzene	50.000	57.641	-15.3	126	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.670	-7.3	108	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	53.601	-7.2	106	0.00
94 T	Hexachlorobutadiene	50.000	53.980	-8.0	113	-0.02
95 T	Naphthalene	50.000	60.132	-20.3#	119	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	57.937	-15.9	116	-0.02

(#) = Out of Range

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