

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD050219\
 Data File : VD062108.D
 Acq On : 2 May 2019 13:15
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 03 01:15:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:52 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	82	-0.02
2 T	Dichlorodifluoromethane	50.000	45.490	9.0	73	-0.02
3 P	Chloromethane	50.000	39.403	21.2#	70	0.00
4 C	Vinyl Chloride	50.000	45.556	8.9#	78	0.00
5 T	Bromomethane	50.000	50.380	-0.8	77	-0.02
6 T	Chloroethane	50.000	52.849	-5.7	84	-0.02
7 T	Trichlorofluoromethane	50.000	54.302	-8.6	92	-0.02
8 T	Diethyl Ether	50.000	46.154	7.7	80	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.402	-2.8	88	-0.03
10 T	Methyl Iodide	50.000	46.528	6.9	81	-0.03
11 T	Tert butyl alcohol	250.000	266.721	-6.7	92	-0.02
12 CM	1,1-Dichloroethene	50.000	47.859	4.3#	81	-0.03
13 T	Acrolein	250.000	213.689	14.5	83	-0.03
14 T	Allyl chloride	50.000	52.979	-6.0	92	-0.03
15 T	Acrylonitrile	250.000	262.869	-5.1	90	-0.03
16 T	Acetone	250.000	289.259	-15.7	95	-0.02
17 T	Carbon Disulfide	50.000	50.457	-0.9	85	-0.03
18 T	Methyl Acetate	50.000	55.402	-10.8	100	-0.03
19 T	Methyl tert-butyl Ether	50.000	49.342	1.3	85	-0.03
20 T	Methylene Chloride	50.000	51.216	-2.4	86	-0.02
21 T	trans-1,2-Dichloroethene	50.000	48.825	2.3	81	-0.02
22 T	Diisopropyl ether	50.000	52.618	-5.2	91	-0.03
23 T	Vinyl Acetate	250.000	282.524	-13.0	95	-0.03
24 P	1,1-Dichloroethane	50.000	48.817	2.4	86	-0.03
25 T	2-Butanone	250.000	283.052	-13.2	98	-0.03
26 T	2,2-Dichloropropane	50.000	54.032	-8.1	95	-0.02
27 T	cis-1,2-Dichloroethene	50.000	51.929	-3.9	92	-0.03
28 T	Bromochloromethane	50.000	52.242	-4.5	91	-0.03
29	Tetrahydrofuran	250.000	244.367	2.3	80	-0.03
30 C	Chloroform	50.000	49.361	1.3#	80	-0.03
31 T	Cyclohexane	50.000	50.931	-1.9	80	-0.02
32 T	1,1,1-Trichloroethane	50.000	52.014	-4.0	81	-0.02
33 S	1,2-Dichloroethane-d4	50.000	54.478	-9.0	98	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	74	-0.02
35 S	Dibromofluoromethane	50.000	60.040	-20.1#	91	-0.02
36 T	1,1-Dichloropropene	50.000	54.467	-8.9	80	-0.02
37 T	Ethyl Acetate	50.000	55.609	-11.2	91	-0.02
38 T	Carbon Tetrachloride	50.000	55.057	-10.1	76	-0.02
39 T	Methylcyclohexane	50.000	49.329	1.3	73	-0.02
40 TM	Benzene	50.000	54.255	-8.5	81	-0.02
41 T	Methacrylonitrile	50.000	57.470	-14.9	82	0.00
42 TM	1,2-Dichloroethane	50.000	56.013	-12.0	87	-0.02
43 T	Isopropyl Acetate	50.000	52.132	-4.3	81	-0.02
44 TM	Trichloroethene	50.000	52.257	-4.5	77	-0.02
45 C	1,2-Dichloropropane	50.000	55.758	-11.5#	84	-0.02

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	53.359	-6.7	80	-0.02
47 T	Bromodichloromethane	50.000	55.635	-11.3	86	-0.02
48 T	Methyl methacrylate	50.000	53.666	-7.3	86	-0.02
49 T	1,4-Dioxane	1000.000	1090.026	-9.0	78	0.00
50 S	Toluene-d8	50.000	60.795	-21.6#	95	-0.02
51 T	4-Methyl-2-Pentanone	250.000	269.643	-7.9	83	0.00
52 CM	Toluene	50.000	46.988	6.0#	76	-0.02
53 T	t-1,3-Dichloropropene	50.000	60.205	-20.4#	87	-0.02
54 T	cis-1,3-Dichloropropene	50.000	56.922	-13.8	87	-0.02
55 T	1,1,2-Trichloroethane	50.000	54.430	-8.9	84	-0.02
56 T	Ethyl methacrylate	50.000	54.092	-8.2	84	-0.02
57 T	1,3-Dichloropropane	50.000	51.671	-3.3	82	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	268.604	-7.4	89	-0.02
59 T	2-Hexanone	250.000	282.510	-13.0	86	0.00
60 T	Dibromochloromethane	50.000	53.754	-7.5	82	0.00
61 T	1,2-Dibromoethane	50.000	56.187	-12.4	92	0.00
62 S	4-Bromofluorobenzene	50.000	55.423	-10.8	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64 T	Tetrachloroethene	50.000	47.476	5.0	81	-0.02
65 PM	Chlorobenzene	50.000	48.294	3.4	84	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.083	3.8	82	0.00
67 C	Ethyl Benzene	50.000	47.121	5.8#	83	0.00
68 T	m/p-Xylenes	100.000	96.556	3.4	87	0.00
69 T	o-Xylene	50.000	49.119	1.8	88	0.00
70 T	Styrene	50.000	48.979	2.0	86	0.00
71 P	Bromoform	50.000	52.565	-5.1	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	45.980	8.0	84	0.00
74 T	N-amyl acetate	50.000	48.491	3.0	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.652	6.7	82	0.00
76 T	1,2,3-Trichloropropane	50.000	47.070	5.9	82	0.00
77 T	Bromobenzene	50.000	47.061	5.9	86	0.00
78 T	n-propylbenzene	50.000	45.873	8.3	86	0.00
79 T	2-Chlorotoluene	50.000	46.702	6.6	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.132	7.7	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.082	11.8	80	0.00
82 T	4-Chlorotoluene	50.000	45.561	8.9	83	0.00
83 T	tert-Butylbenzene	50.000	42.588	14.8	74	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.731	-1.5	84	0.00
85 T	sec-Butylbenzene	50.000	46.497	7.0	83	0.00
86 T	p-Isopropyltoluene	50.000	45.750	8.5	77	0.00
87 T	1,3-Dichlorobenzene	50.000	43.645	12.7	79	0.00
88 T	1,4-Dichlorobenzene	50.000	48.720	2.6	85	0.00
89 T	n-Butylbenzene	50.000	48.256	3.5	87	0.00

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90 T	Hexachloroethane	50.000	50.290	-0.6	86	0.00
91 T	1,2-Dichlorobenzene	50.000	49.175	1.7	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.201	3.6	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.544	-11.1	93	0.00
94 T	Hexachlorobutadiene	50.000	52.840	-5.7	85	0.00
95 T	Naphthalene	50.000	51.657	-3.3	92	0.00
96 T	1,2,3-Trichlorobenzene	50.000	58.047	-16.1	93	0.00

(#) = Out of Range

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