

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
 Data File : VD061331.D
 Acq On : 26 Mar 2019 9:25
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 26 10:03:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 03:31:57 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	0.00
2 T	Dichlorodifluoromethane	50.000	54.603	-9.2	105	0.00
3 P	Chloromethane	50.000	52.233	-4.5	107	0.00
4 C	Vinyl Chloride	50.000	57.601	-15.2#	111	0.00
5 T	Bromomethane	50.000	55.917	-11.8	103	0.00
6 T	Chloroethane	50.000	61.055	-22.1#	99	0.00
7 T	Trichlorofluoromethane	50.000	55.885	-11.8	103	0.00
8 T	Diethyl Ether	50.000	59.529	-19.1	120	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.260	-8.5	105	0.00
10 T	Methyl Iodide	50.000	63.214	-26.4#	107	0.00
11 T	Tert butyl alcohol	250.000	285.955	-14.4	106	-0.02
12 CM	1,1-Dichloroethene	50.000	53.565	-7.1#	104	0.00
13 T	Acrolein	250.000	231.127	7.5	102	0.00
14 T	Allyl chloride	50.000	58.554	-17.1	114	-0.01
15 T	Acrylonitrile	250.000	288.223	-15.3	108	-0.01
16 T	Acetone	250.000	372.323	-48.9#	123	-0.01
17 T	Carbon Disulfide	50.000	54.788	-9.6	104	0.00
18 T	Methyl Acetate	50.000	57.210	-14.4	112	0.00
19 T	Methyl tert-butyl Ether	50.000	53.422	-6.8	98	-0.01
20 T	Methylene Chloride	50.000	52.223	-4.4	115	-0.01
21 T	trans-1,2-Dichloroethene	50.000	54.676	-9.4	101	-0.01
22 T	Diisopropyl ether	50.000	55.605	-11.2	102	-0.01
23 T	Vinyl Acetate	250.000	281.727	-12.7	103	-0.02
24 P	1,1-Dichloroethane	50.000	58.296	-16.6	107	0.00
25 T	2-Butanone	250.000	326.775	-30.7#	115	-0.01
26 T	2,2-Dichloropropane	50.000	54.031	-8.1	102	-0.02
27 T	cis-1,2-Dichloroethene	50.000	55.409	-10.8	102	-0.01
28 T	Bromochloromethane	50.000	55.167	-10.3	103	0.00
29	Tetrahydrofuran	250.000	288.077	-15.2	103	-0.01
30 C	Chloroform	50.000	58.410	-16.8#	109	0.00
31 T	Cyclohexane	50.000	56.172	-12.3	101	-0.01
32 T	1,1,1-Trichloroethane	50.000	54.420	-8.8	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.965	0.1	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	110	-0.01
35 S	Dibromofluoromethane	50.000	49.213	1.6	100	-0.01
36 T	1,1-Dichloropropene	50.000	53.249	-6.5	112	-0.01
37 T	Ethyl Acetate	50.000	53.582	-7.2	107	-0.01
38 T	Carbon Tetrachloride	50.000	51.943	-3.9	107	-0.01
39 T	Methylcyclohexane	50.000	55.001	-10.0	107	0.00
40 TM	Benzene	50.000	52.512	-5.0	102	0.00
41 T	Methacrylonitrile	50.000	52.028	-4.1	100	-0.01
42 TM	1,2-Dichloroethane	50.000	53.782	-7.6	108	-0.01
43 T	Isopropyl Acetate	50.000	58.792	-17.6	115	0.00
44 TM	Trichloroethene	50.000	56.213	-12.4	112	-0.01
45 C	1,2-Dichloropropane	50.000	57.090	-14.2#	109	-0.01

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	56.447	-12.9	112	0.00
47 T	Bromodichloromethane	50.000	55.380	-10.8	107	0.00
48 T	Methyl methacrylate	50.000	55.691	-11.4	122	-0.01
49 T	1,4-Dioxane	1000.000	1171.128	-17.1	113	-0.01
50 S	Toluene-d8	50.000	47.842	4.3	100	-0.01
51 T	4-Methyl-2-Pentanone	250.000	278.410	-11.4	113	0.00
52 CM	Toluene	50.000	51.322	-2.6#	111	0.00
53 T	t-1,3-Dichloropropene	50.000	50.392	-0.8	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.715	-7.4	106	-0.01
55 T	1,1,2-Trichloroethane	50.000	53.583	-7.2	114	0.00
56 T	Ethyl methacrylate	50.000	58.332	-16.7	115	0.00
57 T	1,3-Dichloropropane	50.000	53.281	-6.6	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	238.927	4.4	97	0.00
59 T	2-Hexanone	250.000	308.541	-23.4#	113	0.00
60 T	Dibromochloromethane	50.000	53.870	-7.7	104	0.00
61 T	1,2-Dibromoethane	50.000	56.448	-12.9	114	-0.01
62 S	4-Bromofluorobenzene	50.000	49.281	1.4	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
64 T	Tetrachloroethene	50.000	50.073	-0.1	103	0.00
65 PM	Chlorobenzene	50.000	49.279	1.4	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.583	-11.2	110	0.00
67 C	Ethyl Benzene	50.000	55.003	-10.0#	112	0.00
68 T	m/p-Xylenes	100.000	97.476	2.5	107	0.00
69 T	o-Xylene	50.000	52.428	-4.9	105	0.00
70 T	Styrene	50.000	53.991	-8.0	108	0.00
71 P	Bromoform	50.000	54.898	-9.8	107	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	48.727	2.5	94	0.00
74 T	N-amyl acetate	50.000	58.072	-16.1	109	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.751	-13.5	103	0.00
76 T	1,2,3-Trichloropropane	50.000	59.138	-18.3	114	0.00
77 T	Bromobenzene	50.000	58.713	-17.4	108	0.00
78 T	n-propylbenzene	50.000	55.248	-10.5	107	0.00
79 T	2-Chlorotoluene	50.000	58.471	-16.9	118	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.630	-9.3	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	64.928	-29.9#	116	0.00
82 T	4-Chlorotoluene	50.000	56.060	-12.1	111	0.00
83 T	tert-Butylbenzene	50.000	57.505	-15.0	109	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.630	-9.3	105	0.00
85 T	sec-Butylbenzene	50.000	51.190	-2.4	99	0.00
86 T	p-Isopropyltoluene	50.000	56.521	-13.0	107	0.00
87 T	1,3-Dichlorobenzene	50.000	57.266	-14.5	112	0.00
88 T	1,4-Dichlorobenzene	50.000	52.568	-5.1	97	0.00
89 T	n-Butylbenzene	50.000	50.939	-1.9	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.880	-13.8	105	0.00
91 T	1,2-Dichlorobenzene	50.000	53.377	-6.8	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	63.593	-27.2#	117	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.709	-13.4	98	0.00
94 T	Hexachlorobutadiene	50.000	56.055	-12.1	98	0.00
95 T	Naphthalene	50.000	61.184	-22.4#	105	0.00
96 T	1,2,3-Trichlorobenzene	50.000	55.583	-11.2	92	0.00

(#) = Out of Range

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