

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD040219\
 Data File : VD061531.D
 Acq On : 2 Apr 2019 23:30
 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: Apr 03 03:10:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 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	83	0.04
2 T	Dichlorodifluoromethane	50.000	48.915	2.2	87	0.02
3 P	Chloromethane	50.000	47.244	5.5	92	0.03
4 C	Vinyl Chloride	50.000	47.834	4.3#	85	0.02
5 T	Bromomethane	50.000	45.089	9.8	72	0.03
6 T	Chloroethane	50.000	54.866	-9.7	80	0.02
7 T	Trichlorofluoromethane	50.000	51.665	-3.3	91	0.03
8 T	Diethyl Ether	50.000	54.635	-9.3	96	0.03
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.933	-5.9	95	0.03
10 T	Methyl Iodide	50.000	48.276	3.4	82	0.03
11 T	Tert butyl alcohol	250.000	329.507	-31.8#	113	0.04
12 CM	1,1-Dichloroethene	50.000	50.741	-1.5#	91	0.04
13 T	Acrolein	250.000	216.251	13.5	73	0.03
14 T	Allyl chloride	50.000	54.031	-8.1	96	0.04
15 T	Acrylonitrile	250.000	300.231	-20.1#	102	0.04
16 T	Acetone	250.000	260.714	-4.3	82	0.04
17 T	Carbon Disulfide	50.000	43.965	12.1	77	0.03
18 T	Methyl Acetate	50.000	62.929	-25.9#	117	0.03
19 T	Methyl tert-butyl Ether	50.000	59.215	-18.4	104	0.04
20 T	Methylene Chloride	50.000	54.586	-9.2	99	0.04
21 T	trans-1,2-Dichloroethene	50.000	51.475	-3.0	90	0.05
22 T	Diisopropyl ether	50.000	58.682	-17.4	100	0.05
23 T	Vinyl Acetate	250.000	290.941	-16.4	98	0.06
24 P	1,1-Dichloroethane	50.000	53.645	-7.3	94	0.05
25 T	2-Butanone	250.000	285.744	-14.3	96	0.05
26 T	2,2-Dichloropropane	50.000	51.412	-2.8	84	0.04
27 T	cis-1,2-Dichloroethene	50.000	54.209	-8.4	91	0.04
28 T	Bromochloromethane	50.000	58.214	-16.4	99	0.05
29	Tetrahydrofuran	250.000	328.687	-31.5#	117	0.05
30 C	Chloroform	50.000	55.976	-12.0#	94	0.05
31 T	Cyclohexane	50.000	48.464	3.1	80	0.03
32 T	1,1,1-Trichloroethane	50.000	54.100	-8.2	90	0.05
33 S	1,2-Dichloroethane-d4	50.000	58.236	-16.5	108	0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.04
35 S	Dibromofluoromethane	50.000	54.986	-10.0	95	0.04
36 T	1,1-Dichloropropene	50.000	50.114	-0.2	96	0.05
37 T	Ethyl Acetate	50.000	59.185	-18.4	103	0.04
38 T	Carbon Tetrachloride	50.000	50.099	-0.2	92	0.04
39 T	Methylcyclohexane	50.000	52.105	-4.2	95	0.04
40 TM	Benzene	50.000	51.969	-3.9	94	0.04
41 T	Methacrylonitrile	50.000	63.478	-27.0#	115	0.04
42 TM	1,2-Dichloroethane	50.000	58.864	-17.7	102	0.04
43 T	Isopropyl Acetate	50.000	56.700	-13.4	95	0.04
44 TM	Trichloroethene	50.000	53.709	-7.4	98	0.04
45 C	1,2-Dichloropropane	50.000	58.326	-16.7#	100	0.03

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	57.327	-14.7	101	0.04
47 T	Bromodichloromethane	50.000	58.471	-16.9	101	0.04
48 T	Methyl methacrylate	50.000	62.363	-24.7#	113	0.04
49 T	1,4-Dioxane	1000.000	1303.838	-30.4#	115	0.04
50 S	Toluene-d8	50.000	56.747	-13.5	98	0.04
51 T	4-Methyl-2-Pentanone	250.000	287.044	-14.8	101	0.03
52 CM	Toluene	50.000	49.908	0.2#	93	0.03
53 T	t-1,3-Dichloropropene	50.000	55.728	-11.5	91	0.04
54 T	cis-1,3-Dichloropropene	50.000	55.198	-10.4	98	0.04
55 T	1,1,2-Trichloroethane	50.000	54.733	-9.5	100	0.04
56 T	Ethyl methacrylate	50.000	53.353	-6.7	91	0.04
57 T	1,3-Dichloropropane	50.000	55.367	-10.7	96	0.03
58 T	2-Chloroethyl Vinyl ether	250.000	331.935	-32.8#	121	0.04
59 T	2-Hexanone	250.000	280.173	-12.1	97	0.03
60 T	Dibromochloromethane	50.000	58.647	-17.3	104	0.03
61 T	1,2-Dibromoethane	50.000	55.298	-10.6	97	0.03
62 S	4-Bromofluorobenzene	50.000	58.247	-16.5	106	0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.02
64 T	Tetrachloroethene	50.000	46.883	6.2	93	0.04
65 PM	Chlorobenzene	50.000	49.431	1.1	102	0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	53.908	-7.8	98	0.02
67 C	Ethyl Benzene	50.000	52.030	-4.1#	95	0.02
68 T	m/p-Xylenes	100.000	91.204	8.8	87	0.02
69 T	o-Xylene	50.000	53.582	-7.2	97	0.02
70 T	Styrene	50.000	46.002	8.0	88	0.02
71 P	Bromoform	50.000	55.139	-10.3	101	0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.02
73 T	Isopropylbenzene	50.000	49.760	0.5	98	0.02
74 T	N-amyl acetate	50.000	57.859	-15.7	114	0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	53.112	-6.2	106	0.02
76 T	1,2,3-Trichloropropane	50.000	56.334	-12.7	115	0.02
77 T	Bromobenzene	50.000	48.665	2.7	95	0.02
78 T	n-propylbenzene	50.000	45.978	8.0	84	0.02
79 T	2-Chlorotoluene	50.000	52.736	-5.5	103	0.02
80 T	1,3,5-Trimethylbenzene	50.000	47.752	4.5	93	0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	54.665	-9.3	98	0.02
82 T	4-Chlorotoluene	50.000	50.129	-0.3	98	0.00
83 T	tert-Butylbenzene	50.000	47.992	4.0	93	0.02
84 T	1,2,4-Trimethylbenzene	50.000	48.224	3.6	91	0.02
85 T	sec-Butylbenzene	50.000	50.056	-0.1	96	0.02
86 T	p-Isopropyltoluene	50.000	52.076	-4.2	96	0.02
87 T	1,3-Dichlorobenzene	50.000	47.043	5.9	88	0.02
88 T	1,4-Dichlorobenzene	50.000	50.874	-1.7	95	0.00
89 T	n-Butylbenzene	50.000	47.887	4.2	93	0.02

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90 T	Hexachloroethane	50.000	51.559	-3.1	94	0.00
91 T	1,2-Dichlorobenzene	50.000	51.939	-3.9	103	0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	64.587	-29.2#	121	0.02
93 T	1,2,4-Trichlorobenzene	50.000	51.477	-3.0	88	0.00
94 T	Hexachlorobutadiene	50.000	48.671	2.7	80	0.02
95 T	Naphthalene	50.000	57.011	-14.0	91	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.989	-6.0	84	0.00

(#) = Out of Range

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