

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD040119\
 Data File : VD061489.D
 Acq On : 2 Apr 2019 2:08
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 02 07:18:55 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	80	0.01
2 T	Dichlorodifluoromethane	50.000	48.641	2.7	84	0.00
3 P	Chloromethane	50.000	42.215	15.6	80	0.00
4 C	Vinyl Chloride	50.000	43.611	12.8#	75	0.00
5 T	Bromomethane	50.000	55.252	-10.5	86	0.01
6 T	Chloroethane	50.000	54.634	-9.3	77	0.00
7 T	Trichlorofluoromethane	50.000	49.815	0.4	85	0.01
8 T	Diethyl Ether	50.000	45.139	9.7	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.359	3.3	84	0.00
10 T	Methyl Iodide	50.000	44.400	11.2	73	0.00
11 T	Tert butyl alcohol	250.000	274.188	-9.7	91	0.02
12 CM	1,1-Dichloroethene	50.000	47.231	5.5#	82	0.01
13 T	Acrolein	250.000	231.353	7.5	75	0.01
14 T	Allyl chloride	50.000	51.502	-3.0	89	0.01
15 T	Acrylonitrile	250.000	257.161	-2.9	85	0.01
16 T	Acetone	250.000	225.150	9.9	69	0.01
17 T	Carbon Disulfide	50.000	41.291	17.4	70	0.00
18 T	Methyl Acetate	50.000	53.938	-7.9	97	0.01
19 T	Methyl tert-butyl Ether	50.000	53.038	-6.1	90	0.01
20 T	Methylene Chloride	50.000	50.879	-1.8	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.964	4.1	81	0.02
22 T	Diisopropyl ether	50.000	54.976	-10.0	91	0.01
23 T	Vinyl Acetate	250.000	262.459	-5.0	86	0.02
24 P	1,1-Dichloroethane	50.000	52.422	-4.8	89	0.01
25 T	2-Butanone	250.000	243.701	2.5	80	0.02
26 T	2,2-Dichloropropane	50.000	50.157	-0.3	80	0.01
27 T	cis-1,2-Dichloroethene	50.000	51.602	-3.2	84	0.01
28 T	Bromochloromethane	50.000	48.653	2.7	80	0.01
29	Tetrahydrofuran	250.000	252.526	-1.0	87	0.02
30 C	Chloroform	50.000	55.389	-10.8#	90	0.01
31 T	Cyclohexane	50.000	47.949	4.1	77	0.01
32 T	1,1,1-Trichloroethane	50.000	53.263	-6.5	86	0.01
33 S	1,2-Dichloroethane-d4	50.000	55.884	-11.8	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.01
35 S	Dibromofluoromethane	50.000	56.940	-13.9	91	0.01
36 T	1,1-Dichloropropene	50.000	48.467	3.1	86	0.01
37 T	Ethyl Acetate	50.000	57.954	-15.9	93	0.01
38 T	Carbon Tetrachloride	50.000	52.268	-4.5	89	0.01
39 T	Methylcyclohexane	50.000	48.651	2.7	82	0.00
40 TM	Benzene	50.000	50.591	-1.2	85	0.01
41 T	Methacrylonitrile	50.000	53.234	-6.5	90	0.00
42 TM	1,2-Dichloroethane	50.000	56.312	-12.6	90	0.01
43 T	Isopropyl Acetate	50.000	55.926	-11.9	87	0.01
44 TM	Trichloroethene	50.000	50.200	-0.4	85	0.01
45 C	1,2-Dichloropropane	50.000	53.313	-6.6#	85	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	57.602	-15.2	94	0.01
47 T	Bromodichloromethane	50.000	60.067	-20.1#	97	0.01
48 T	Methyl methacrylate	50.000	55.809	-11.6	94	0.01
49 T	1,4-Dioxane	1000.000	1153.785	-15.4	94	0.00
50 S	Toluene-d8	50.000	53.467	-6.9	86	0.01
51 T	4-Methyl-2-Pentanone	250.000	285.953	-14.4	94	0.01
52 CM	Toluene	50.000	51.485	-3.0#	89	0.01
53 T	t-1,3-Dichloropropene	50.000	54.236	-8.5	82	0.01
54 T	cis-1,3-Dichloropropene	50.000	54.853	-9.7	91	0.01
55 T	1,1,2-Trichloroethane	50.000	56.026	-12.1	95	0.01
56 T	Ethyl methacrylate	50.000	52.047	-4.1	82	0.01
57 T	1,3-Dichloropropane	50.000	55.182	-10.4	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	286.146	-14.5	97	0.01
59 T	2-Hexanone	250.000	282.326	-12.9	91	0.01
60 T	Dibromochloromethane	50.000	55.405	-10.8	91	0.00
61 T	1,2-Dibromoethane	50.000	52.222	-4.4	85	0.01
62 S	4-Bromofluorobenzene	50.000	57.386	-14.8	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64 T	Tetrachloroethene	50.000	49.889	0.2	86	0.01
65 PM	Chlorobenzene	50.000	55.496	-11.0	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.839	-13.7	90	0.00
67 C	Ethyl Benzene	50.000	54.880	-9.8#	87	0.00
68 T	m/p-Xylenes	100.000	94.790	5.2	78	0.00
69 T	o-Xylene	50.000	55.385	-10.8	87	0.00
70 T	Styrene	50.000	55.596	-11.2	92	0.00
71 P	Bromoform	50.000	55.666	-11.3	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73 T	Isopropylbenzene	50.000	48.723	2.6	85	0.00
74 T	N-amyl acetate	50.000	50.380	-0.8	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.683	-7.4	95	0.00
76 T	1,2,3-Trichloropropane	50.000	53.001	-6.0	96	0.00
77 T	Bromobenzene	50.000	52.291	-4.6	90	0.00
78 T	n-propylbenzene	50.000	44.653	10.7	73	0.00
79 T	2-Chlorotoluene	50.000	52.619	-5.2	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.153	-4.3	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.409	-10.8	88	0.00
82 T	4-Chlorotoluene	50.000	55.178	-10.4	96	0.00
83 T	tert-Butylbenzene	50.000	52.331	-4.7	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.527	2.9	81	0.00
85 T	sec-Butylbenzene	50.000	49.098	1.8	84	0.00
86 T	p-Isopropyltoluene	50.000	49.086	1.8	81	0.00
87 T	1,3-Dichlorobenzene	50.000	50.574	-1.1	84	0.00
88 T	1,4-Dichlorobenzene	50.000	51.700	-3.4	86	0.00
89 T	n-Butylbenzene	50.000	49.865	0.3	86	0.00

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90 T	Hexachloroethane	50.000	52.050	-4.1	84	0.00
91 T	1,2-Dichlorobenzene	50.000	51.508	-3.0	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	60.009	-20.0#	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.386	-8.8	82	0.00
94 T	Hexachlorobutadiene	50.000	54.538	-9.1	79	0.00
95 T	Naphthalene	50.000	60.045	-20.1#	85	0.00
96 T	1,2,3-Trichlorobenzene	50.000	60.721	-21.4#	86	0.00

(#) = Out of Range

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