

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD041719\
 Data File : VD061845.D
 Acq On : 17 Apr 2019 11:16
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 17 11:40:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 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	98	-0.04
2 T	Dichlorodifluoromethane	50.000	51.436	-2.9	100	-0.01
3 P	Chloromethane	50.000	46.166	7.7	97	-0.01
4 C	Vinyl Chloride	50.000	51.990	-4.0#	97	-0.01
5 T	Bromomethane	50.000	60.835	-21.7#	103	0.00
6 T	Chloroethane	50.000	55.154	-10.3	91	-0.02
7 T	Trichlorofluoromethane	50.000	50.756	-1.5	99	-0.02
8 T	Diethyl Ether	50.000	43.148	13.7	82	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.679	-3.4	105	-0.03
10 T	Methyl Iodide	50.000	44.718	10.6	86	-0.02
11 T	Tert butyl alcohol	250.000	230.811	7.7	90	-0.04
12 CM	1,1-Dichloroethene	50.000	50.717	-1.4#	102	-0.02
13 T	Acrolein	250.000	198.894	20.4#	90	-0.02
14 T	Allyl chloride	50.000	50.600	-1.2	97	-0.03
15 T	Acrylonitrile	250.000	218.702	12.5	86	-0.03
16 T	Acetone	250.000	281.728	-12.7	106	-0.02
17 T	Carbon Disulfide	50.000	48.542	2.9	94	-0.02
18 T	Methyl Acetate	50.000	43.092	13.8	89	-0.03
19 T	Methyl tert-butyl Ether	50.000	46.212	7.6	91	-0.04
20 T	Methylene Chloride	50.000	53.621	-7.2	105	-0.03
21 T	trans-1,2-Dichloroethene	50.000	48.352	3.3	94	-0.03
22 T	Diisopropyl ether	50.000	48.428	3.1	93	-0.05
23 T	Vinyl Acetate	250.000	245.956	1.6	95	-0.05
24 P	1,1-Dichloroethane	50.000	46.484	7.0	93	-0.05
25 T	2-Butanone	250.000	245.632	1.7	98	-0.04
26 T	2,2-Dichloropropane	50.000	52.769	-5.5	106	-0.05
27 T	cis-1,2-Dichloroethene	50.000	49.764	0.5	99	-0.04
28 T	Bromochloromethane	50.000	43.605	12.8	89	-0.04
29	Tetrahydrofuran	250.000	233.949	6.4	91	-0.04
30 C	Chloroform	50.000	47.386	5.2#	90	-0.05
31 T	Cyclohexane	50.000	53.803	-7.6	101	-0.04
32 T	1,1,1-Trichloroethane	50.000	51.985	-4.0	101	-0.05
33 S	1,2-Dichloroethane-d4	50.000	50.362	-0.7	106	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	-0.04
35 S	Dibromofluoromethane	50.000	55.554	-11.1	111	-0.04
36 T	1,1-Dichloropropene	50.000	55.538	-11.1	103	-0.04
37 T	Ethyl Acetate	50.000	48.494	3.0	91	-0.04
38 T	Carbon Tetrachloride	50.000	58.551	-17.1	110	-0.04
39 T	Methylcyclohexane	50.000	54.920	-9.8	102	-0.03
40 TM	Benzene	50.000	51.685	-3.4	92	-0.04
41 T	Methacrylonitrile	50.000	49.769	0.5	94	-0.04
42 TM	1,2-Dichloroethane	50.000	55.500	-11.0	106	-0.04
43 T	Isopropyl Acetate	50.000	48.458	3.1	87	-0.04
44 TM	Trichloroethene	50.000	54.157	-8.3	98	-0.05
45 C	1,2-Dichloropropane	50.000	50.797	-1.6#	95	-0.04

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.546	-3.1	93	-0.03
47 T	Bromodichloromethane	50.000	51.808	-3.6	91	-0.04
48 T	Methyl methacrylate	50.000	46.942	6.1	83	-0.04
49 T	1,4-Dioxane	1000.000	1033.408	-3.3	90	-0.04
50 S	Toluene-d8	50.000	56.358	-12.7	112	-0.04
51 T	4-Methyl-2-Pentanone	250.000	250.251	-0.1	92	-0.04
52 CM	Toluene	50.000	52.009	-4.0#	99	-0.04
53 T	t-1,3-Dichloropropene	50.000	53.637	-7.3	95	-0.04
54 T	cis-1,3-Dichloropropene	50.000	49.863	0.3	89	-0.03
55 T	1,1,2-Trichloroethane	50.000	50.488	-1.0	95	-0.04
56 T	Ethyl methacrylate	50.000	48.179	3.6	95	-0.04
57 T	1,3-Dichloropropane	50.000	51.410	-2.8	99	-0.04
58 T	2-Chloroethyl Vinyl ether	250.000	189.037	24.4#	82	-0.04
59 T	2-Hexanone	250.000	244.961	2.0	93	-0.03
60 T	Dibromochloromethane	50.000	52.403	-4.8	91	-0.03
61 T	1,2-Dibromoethane	50.000	49.858	0.3	91	-0.03
62 S	4-Bromofluorobenzene	50.000	46.874	6.3	97	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	-0.03
64 T	Tetrachloroethene	50.000	44.201	11.6	88	-0.04
65 PM	Chlorobenzene	50.000	48.064	3.9	97	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	48.528	2.9	98	-0.02
67 C	Ethyl Benzene	50.000	48.585	2.8#	102	-0.03
68 T	m/p-Xylenes	100.000	97.068	2.9	94	-0.02
69 T	o-Xylene	50.000	46.125	7.8	100	-0.03
70 T	Styrene	50.000	42.605	14.8	89	-0.02
71 P	Bromoform	50.000	48.527	2.9	94	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	-0.02
73 T	Isopropylbenzene	50.000	47.947	4.1	98	-0.02
74 T	N-amyl acetate	50.000	42.568	14.9	88	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	48.374	3.3	90	-0.02
76 T	1,2,3-Trichloropropane	50.000	46.551	6.9	87	-0.02
77 T	Bromobenzene	50.000	52.102	-4.2	100	-0.03
78 T	n-propylbenzene	50.000	49.336	1.3	92	-0.02
79 T	2-Chlorotoluene	50.000	50.991	-2.0	101	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	54.676	-9.4	116	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	47.407	5.2	100	-0.03
82 T	4-Chlorotoluene	50.000	50.634	-1.3	106	-0.03
83 T	tert-Butylbenzene	50.000	51.583	-3.2	97	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	49.067	1.9	91	-0.02
85 T	sec-Butylbenzene	50.000	52.582	-5.2	103	-0.02
86 T	p-Isopropyltoluene	50.000	50.687	-1.4	99	-0.02
87 T	1,3-Dichlorobenzene	50.000	49.784	0.4	96	-0.02
88 T	1,4-Dichlorobenzene	50.000	48.811	2.4	94	-0.02
89 T	n-Butylbenzene	50.000	50.990	-2.0	100	-0.02

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90 T	Hexachloroethane	50.000	50.829	-1.7	93	-0.02
91 T	1,2-Dichlorobenzene	50.000	48.612	2.8	96	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.398	3.2	90	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	44.265	11.5	89	-0.02
94 T	Hexachlorobutadiene	50.000	45.925	8.2	88	-0.02
95 T	Naphthalene	50.000	46.515	7.0	83	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	40.639	18.7	77	-0.02

(#) = Out of Range

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