

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD051719\
 Data File : VD062432.D
 Acq On : 17 May 2019 11:28
 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 18 01:15:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 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	79	0.03
2 T	Dichlorodifluoromethane	50.000	47.422	5.2	74	0.01
3 P	Chloromethane	50.000	39.188	21.6#	65	0.01
4 C	Vinyl Chloride	50.000	47.556	4.9#	72	0.02
5 T	Bromomethane	50.000	74.561	-49.1#	110	0.01
6 T	Chloroethane	50.000	56.125	-12.3	81	0.01
7 T	Trichlorofluoromethane	50.000	61.208	-22.4#	95	0.02
8 T	Diethyl Ether	50.000	39.082	21.8#	61	0.03
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.073	-0.1	76	0.02
10 T	Methyl Iodide	50.000	43.573	12.9	68	0.02
11 T	Tert butyl alcohol	250.000	264.839	-5.9	86	0.05
12 CM	1,1-Dichloroethene	50.000	49.176	1.6#	71	0.01
13 T	Acrolein	250.000	210.792	15.7	69	0.02
14 T	Allyl chloride	50.000	48.541	2.9	73	0.03
15 T	Acrylonitrile	250.000	247.434	1.0	80	0.03
16 T	Acetone	250.000	283.251	-13.3	87	0.03
17 T	Carbon Disulfide	50.000	40.792	18.4	62	0.02
18 T	Methyl Acetate	50.000	50.598	-1.2	82	0.03
19 T	Methyl tert-butyl Ether	50.000	52.273	-4.5	82	0.03
20 T	Methylene Chloride	50.000	46.141	7.7	75	0.03
21 T	trans-1,2-Dichloroethene	50.000	50.330	-0.7	75	0.03
22 T	Diisopropyl ether	50.000	51.943	-3.9	82	0.04
23 T	Vinyl Acetate	250.000	278.641	-11.5	85	0.05
24 P	1,1-Dichloroethane	50.000	50.110	-0.2	81	0.03
25 T	2-Butanone	250.000	281.179	-12.5	92	0.04
26 T	2,2-Dichloropropane	50.000	60.150	-20.3#	98	0.03
27 T	cis-1,2-Dichloroethene	50.000	50.777	-1.6	82	0.04
28 T	Bromochloromethane	50.000	61.075	-22.2#	98	0.04
29	Tetrahydrofuran	250.000	253.709	-1.5	86	0.05
30 C	Chloroform	50.000	54.791	-9.6#	87	0.04
31 T	Cyclohexane	50.000	48.769	2.5	75	0.03
32 T	1,1,1-Trichloroethane	50.000	57.115	-14.2	88	0.04
33 S	1,2-Dichloroethane-d4	50.000	45.560	8.9	70	0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.04
35 S	Dibromofluoromethane	50.000	45.461	9.1	66	0.04
36 T	1,1-Dichloropropene	50.000	55.211	-10.4	87	0.04
37 T	Ethyl Acetate	50.000	50.835	-1.7	78	0.03
38 T	Carbon Tetrachloride	50.000	61.487	-23.0#	94	0.03
39 T	Methylcyclohexane	50.000	49.909	0.2	75	0.02
40 TM	Benzene	50.000	47.657	4.7	74	0.03
41 T	Methacrylonitrile	50.000	55.991	-12.0	89	0.03
42 TM	1,2-Dichloroethane	50.000	58.708	-17.4	91	0.04
43 T	Isopropyl Acetate	50.000	52.056	-4.1	81	0.03
44 TM	Trichloroethene	50.000	55.620	-11.2	84	0.03
45 C	1,2-Dichloropropane	50.000	49.616	0.8#	77	0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	53.455	-6.9	83	0.03
47 T	Bromodichloromethane	50.000	56.792	-13.6	88	0.03
48 T	Methyl methacrylate	50.000	55.122	-10.2	88	0.03
49 T	1,4-Dioxane	1000.000	1076.709	-7.7	85	0.04
50 S	Toluene-d8	50.000	38.723	22.6#	56	0.02
51 T	4-Methyl-2-Pentanone	250.000	270.755	-8.3	87	0.03
52 CM	Toluene	50.000	46.698	6.6#	72	0.02
53 T	t-1,3-Dichloropropene	50.000	58.312	-16.6	89	0.02
54 T	cis-1,3-Dichloropropene	50.000	57.159	-14.3	85	0.03
55 T	1,1,2-Trichloroethane	50.000	53.359	-6.7	79	0.03
56 T	Ethyl methacrylate	50.000	54.682	-9.4	81	0.02
57 T	1,3-Dichloropropane	50.000	51.300	-2.6	75	0.03
58 T	2-Chloroethyl Vinyl ether	250.000	270.167	-8.1	82	0.02
59 T	2-Hexanone	250.000	284.303	-13.7	90	0.02
60 T	Dibromochloromethane	50.000	55.956	-11.9	85	0.03
61 T	1,2-Dibromoethane	50.000	52.459	-4.9	83	0.02
62 S	4-Bromofluorobenzene	50.000	44.446	11.1	64	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.02
64 T	Tetrachloroethene	50.000	52.694	-5.4	78	0.03
65 PM	Chlorobenzene	50.000	49.695	0.6	78	0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	57.246	-14.5	82	0.02
67 C	Ethyl Benzene	50.000	52.897	-5.8#	77	0.02
68 T	m/p-Xylenes	100.000	108.273	-8.3	76	0.02
69 T	o-Xylene	50.000	54.992	-10.0	80	0.02
70 T	Styrene	50.000	52.177	-4.4	79	0.01
71 P	Bromoform	50.000	59.400	-18.8	86	0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	71	0.01
73 T	Isopropylbenzene	50.000	56.981	-14.0	81	0.01
74 T	N-amyl acetate	50.000	53.166	-6.3	77	0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	51.281	-2.6	77	0.01
76 T	1,2,3-Trichloropropane	50.000	54.378	-8.8	83	0.02
77 T	Bromobenzene	50.000	52.220	-4.4	80	0.01
78 T	n-propylbenzene	50.000	56.656	-13.3	85	0.02
79 T	2-Chlorotoluene	50.000	57.048	-14.1	83	0.01
80 T	1,3,5-Trimethylbenzene	50.000	55.677	-11.4	81	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	55.608	-11.2	77	0.01
82 T	4-Chlorotoluene	50.000	54.884	-9.8	80	0.01
83 T	tert-Butylbenzene	50.000	58.430	-16.9	83	0.02
84 T	1,2,4-Trimethylbenzene	50.000	54.887	-9.8	80	0.02
85 T	sec-Butylbenzene	50.000	51.621	-3.2	75	0.01
86 T	p-Isopropyltoluene	50.000	58.821	-17.6	80	0.01
87 T	1,3-Dichlorobenzene	50.000	51.124	-2.2	74	0.01
88 T	1,4-Dichlorobenzene	50.000	52.695	-5.4	79	0.01
89 T	n-Butylbenzene	50.000	61.896	-23.8#	93	0.02

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90 T	Hexachloroethane	50.000	56.009	-12.0	80	0.01
91 T	1,2-Dichlorobenzene	50.000	58.393	-16.8	90	0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.157	-10.3	81	0.01
93 T	1,2,4-Trichlorobenzene	50.000	62.696	-25.4#	96	0.01
94 T	Hexachlorobutadiene	50.000	62.278	-24.6#	92	0.02
95 T	Naphthalene	50.000	64.030	-28.1#	92	0.01
96 T	1,2,3-Trichlorobenzene	50.000	75.893	-51.8#	111	0.01

(#) = Out of Range

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