

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD050119\
 Data File : VD062106.D
 Acq On : 1 May 2019 18:24
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 02 01:24:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 08:37:17 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	-0.02
2 T	Dichlorodifluoromethane	50.000	42.312	15.4	66	-0.01
3 P	Chloromethane	50.000	40.436	19.1	70	0.00
4 C	Vinyl Chloride	50.000	44.771	10.5#	75	-0.01
5 T	Bromomethane	50.000	57.839	-15.7	84	-0.01
6 T	Chloroethane	50.000	52.625	-5.3	82	-0.01
7 T	Trichlorofluoromethane	50.000	48.666	2.7	81	-0.02
8 T	Diethyl Ether	50.000	51.969	-3.9	88	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.336	1.3	82	-0.02
10 T	Methyl Iodide	50.000	47.380	5.2	80	-0.02
11 T	Tert butyl alcohol	250.000	239.999	4.0	81	-0.02
12 CM	1,1-Dichloroethene	50.000	47.547	4.9#	78	-0.02
13 T	Acrolein	250.000	265.463	-6.2	100	-0.02
14 T	Allyl chloride	50.000	44.494	11.0	75	-0.03
15 T	Acrylonitrile	250.000	252.843	-1.1	85	-0.03
16 T	Acetone	250.000	248.316	0.7	80	-0.01
17 T	Carbon Disulfide	50.000	46.058	7.9	76	-0.02
18 T	Methyl Acetate	50.000	49.061	1.9	87	-0.02
19 T	Methyl tert-butyl Ether	50.000	48.207	3.6	81	-0.02
20 T	Methylene Chloride	50.000	48.043	3.9	79	-0.02
21 T	trans-1,2-Dichloroethene	50.000	45.569	8.9	74	-0.02
22 T	Diisopropyl ether	50.000	46.582	6.8	79	-0.02
23 T	Vinyl Acetate	250.000	249.456	0.2	82	-0.03
24 P	1,1-Dichloroethane	50.000	46.354	7.3	80	-0.03
25 T	2-Butanone	250.000	236.715	5.3	80	-0.03
26 T	2,2-Dichloropropane	50.000	50.002	-0.0	86	-0.02
27 T	cis-1,2-Dichloroethene	50.000	48.069	3.9	83	-0.03
28 T	Bromochloromethane	50.000	50.354	-0.7	86	-0.03
29	Tetrahydrofuran	250.000	219.805	12.1	70	-0.02
30 C	Chloroform	50.000	47.059	5.9#	75	-0.03
31 T	Cyclohexane	50.000	43.571	12.9	67	-0.02
32 T	1,1,1-Trichloroethane	50.000	48.303	3.4	74	-0.02
33 S	1,2-Dichloroethane-d4	50.000	51.992	-4.0	91	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	-0.01
35 S	Dibromofluoromethane	50.000	54.825	-9.7	90	-0.03
36 T	1,1-Dichloropropene	50.000	45.114	9.8	72	-0.02
37 T	Ethyl Acetate	50.000	44.700	10.6	79	-0.03
38 T	Carbon Tetrachloride	50.000	45.317	9.4	67	-0.02
39 T	Methylcyclohexane	50.000	44.841	10.3	72	-0.02
40 TM	Benzene	50.000	42.277	15.4	68	-0.02
41 T	Methacrylonitrile	50.000	47.671	4.7	73	-0.02
42 TM	1,2-Dichloroethane	50.000	47.856	4.3	80	-0.02
43 T	Isopropyl Acetate	50.000	46.905	6.2	79	-0.02
44 TM	Trichloroethene	50.000	43.882	12.2	70	-0.02
45 C	1,2-Dichloropropane	50.000	45.742	8.5#	75	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	45.891	8.2	74	-0.02
47 T	Bromodichloromethane	50.000	46.350	7.3	78	-0.02
48 T	Methyl methacrylate	50.000	46.158	7.7	80	-0.02
49 T	1,4-Dioxane	1000.000	921.050	7.9	71	-0.01
50 S	Toluene-d8	50.000	49.586	0.8	84	-0.02
51 T	4-Methyl-2-Pentanone	250.000	233.359	6.7	78	-0.01
52 CM	Toluene	50.000	40.702	18.6#	71	-0.02
53 T	t-1,3-Dichloropropene	50.000	47.668	4.7	75	-0.02
54 T	cis-1,3-Dichloropropene	50.000	46.547	6.9	77	-0.02
55 T	1,1,2-Trichloroethane	50.000	43.344	13.3	72	-0.02
56 T	Ethyl methacrylate	50.000	44.422	11.2	75	-0.02
57 T	1,3-Dichloropropane	50.000	45.181	9.6	78	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	231.201	7.5	83	-0.02
59 T	2-Hexanone	250.000	218.538	12.6	72	-0.01
60 T	Dibromochloromethane	50.000	51.840	-3.7	86	-0.01
61 T	1,2-Dibromoethane	50.000	45.820	8.4	82	-0.01
62 S	4-Bromofluorobenzene	50.000	49.855	0.3	85	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	-0.01
64 T	Tetrachloroethene	50.000	43.505	13.0	75	-0.02
65 PM	Chlorobenzene	50.000	41.549	16.9	73	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	44.723	10.6	76	-0.01
67 C	Ethyl Benzene	50.000	41.964	16.1#	74	-0.01
68 T	m/p-Xylenes	100.000	84.178	15.8	76	0.00
69 T	o-Xylene	50.000	43.985	12.0	79	-0.01
70 T	Styrene	50.000	41.685	16.6	73	-0.01
71 P	Bromoform	50.000	47.283	5.4	82	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	-0.01
73 T	Isopropylbenzene	50.000	40.854	18.3	74	0.00
74 T	N-amyl acetate	50.000	44.119	11.8	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	41.728	16.5	73	0.00
76 T	1,2,3-Trichloropropane	50.000	44.737	10.5	77	-0.01
77 T	Bromobenzene	50.000	38.354	23.3#	70	0.00
78 T	n-propylbenzene	50.000	44.539	10.9	83	0.00
79 T	2-Chlorotoluene	50.000	42.256	15.5	77	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	43.189	13.6	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.603	10.8	81	-0.01
82 T	4-Chlorotoluene	50.000	43.622	12.8	79	-0.01
83 T	tert-Butylbenzene	50.000	44.786	10.4	78	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.628	6.7	77	0.00
85 T	sec-Butylbenzene	50.000	45.438	9.1	81	0.00
86 T	p-Isopropyltoluene	50.000	44.951	10.1	75	-0.01
87 T	1,3-Dichlorobenzene	50.000	44.862	10.3	81	0.00
88 T	1,4-Dichlorobenzene	50.000	46.435	7.1	81	-0.01
89 T	n-Butylbenzene	50.000	39.126	21.7#	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	45.656	8.7	77	0.00
91 T	1,2-Dichlorobenzene	50.000	40.638	18.7	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.186	11.6	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	41.771	16.5	70	0.00
94 T	Hexachlorobutadiene	50.000	42.639	14.7	69	0.00
95 T	Naphthalene	50.000	44.512	11.0	79	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	41.644	16.7	67	0.00

(#) = Out of Range

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