

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD051519\
 Data File : VD062385.D
 Acq On : 15 May 2019 13:41
 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 16 04:03:16 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	83	0.04
2 T	Dichlorodifluoromethane	50.000	46.423	7.2	76	0.02
3 P	Chloromethane	50.000	42.353	15.3	74	0.02
4 C	Vinyl Chloride	50.000	45.731	8.5#	73	0.03
5 T	Bromomethane	50.000	70.823	-41.6#	111	0.02
6 T	Chloroethane	50.000	57.219	-14.4	87	0.03
7 T	Trichlorofluoromethane	50.000	59.117	-18.2	97	0.03
8 T	Diethyl Ether	50.000	37.115	25.8#	61	0.04
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.433	3.1	77	0.03
10 T	Methyl Iodide	50.000	40.452	19.1	66	0.03
11 T	Tert butyl alcohol	250.000	225.391	9.8	78	0.06
12 CM	1,1-Dichloroethene	50.000	46.462	7.1#	71	0.03
13 T	Acrolein	250.000	228.354	8.7	79	0.04
14 T	Allyl chloride	50.000	46.957	6.1	75	0.04
15 T	Acrylonitrile	250.000	227.577	9.0	77	0.05
16 T	Acetone	250.000	289.916	-16.0	94	0.04
17 T	Carbon Disulfide	50.000	43.722	12.6	70	0.03
18 T	Methyl Acetate	50.000	43.623	12.8	75	0.04
19 T	Methyl tert-butyl Ether	50.000	51.229	-2.5	84	0.05
20 T	Methylene Chloride	50.000	47.351	5.3	81	0.04
21 T	trans-1,2-Dichloroethene	50.000	48.206	3.6	76	0.04
22 T	Diisopropyl ether	50.000	50.507	-1.0	84	0.05
23 T	Vinyl Acetate	250.000	278.632	-11.5	89	0.06
24 P	1,1-Dichloroethane	50.000	50.341	-0.7	86	0.04
25 T	2-Butanone	250.000	265.664	-6.3	92	0.05
26 T	2,2-Dichloropropane	50.000	53.540	-7.1	92	0.04
27 T	cis-1,2-Dichloroethene	50.000	47.303	5.4	81	0.05
28 T	Bromochloromethane	50.000	56.968	-13.9	96	0.04
29	Tetrahydrofuran	250.000	227.569	9.0	81	0.06
30 C	Chloroform	50.000	53.655	-7.3#	89	0.05
31 T	Cyclohexane	50.000	45.971	8.1	74	0.04
32 T	1,1,1-Trichloroethane	50.000	55.913	-11.8	91	0.05
33 S	1,2-Dichloroethane-d4	50.000	52.257	-4.5	85	0.05
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.04
35 S	Dibromofluoromethane	50.000	49.368	1.3	76	0.05
36 T	1,1-Dichloropropene	50.000	50.720	-1.4	83	0.05
37 T	Ethyl Acetate	50.000	51.029	-2.1	82	0.05
38 T	Carbon Tetrachloride	50.000	57.824	-15.6	93	0.04
39 T	Methylcyclohexane	50.000	45.114	9.8	71	0.03
40 TM	Benzene	50.000	47.591	4.8	78	0.04
41 T	Methacrylonitrile	50.000	49.240	1.5	82	0.05
42 TM	1,2-Dichloroethane	50.000	55.826	-11.7	91	0.05
43 T	Isopropyl Acetate	50.000	45.680	8.6	75	0.04
44 TM	Trichloroethene	50.000	48.836	2.3	77	0.04
45 C	1,2-Dichloropropane	50.000	50.330	-0.7#	82	0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.250	-4.5	85	0.04
47 T	Bromodichloromethane	50.000	54.864	-9.7	89	0.04
48 T	Methyl methacrylate	50.000	50.690	-1.4	85	0.04
49 T	1,4-Dioxane	1000.000	909.883	9.0	75	0.04
50 S	Toluene-d8	50.000	45.208	9.6	68	0.03
51 T	4-Methyl-2-Pentanone	250.000	242.487	3.0	82	0.04
52 CM	Toluene	50.000	47.967	4.1#	78	0.03
53 T	t-1,3-Dichloropropene	50.000	53.337	-6.7	85	0.03
54 T	cis-1,3-Dichloropropene	50.000	48.886	2.2	76	0.03
55 T	1,1,2-Trichloroethane	50.000	49.950	0.1	78	0.03
56 T	Ethyl methacrylate	50.000	50.055	-0.1	78	0.03
57 T	1,3-Dichloropropane	50.000	47.637	4.7	72	0.03
58 T	2-Chloroethyl Vinyl ether	250.000	291.018	-16.4	93	0.03
59 T	2-Hexanone	250.000	269.354	-7.7	89	0.03
60 T	Dibromochloromethane	50.000	50.993	-2.0	81	0.03
61 T	1,2-Dibromoethane	50.000	48.558	2.9	80	0.03
62 S	4-Bromofluorobenzene	50.000	49.283	1.4	74	0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.02
64 T	Tetrachloroethene	50.000	48.606	2.8	80	0.04
65 PM	Chlorobenzene	50.000	48.662	2.7	84	0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	51.664	-3.3	82	0.02
67 C	Ethyl Benzene	50.000	51.763	-3.5#	83	0.02
68 T	m/p-Xylenes	100.000	95.757	4.2	75	0.02
69 T	o-Xylene	50.000	50.897	-1.8	82	0.02
70 T	Styrene	50.000	51.353	-2.7	86	0.02
71 P	Bromoform	50.000	52.724	-5.4	84	0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.02
73 T	Isopropylbenzene	50.000	48.510	3.0	77	0.01
74 T	N-amyl acetate	50.000	46.788	6.4	75	0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	49.554	0.9	83	0.01
76 T	1,2,3-Trichloropropane	50.000	49.554	0.9	84	0.02
77 T	Bromobenzene	50.000	51.301	-2.6	87	0.01
78 T	n-propylbenzene	50.000	49.466	1.1	82	0.02
79 T	2-Chlorotoluene	50.000	51.063	-2.1	82	0.02
80 T	1,3,5-Trimethylbenzene	50.000	48.948	2.1	79	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	47.885	4.2	73	0.01
82 T	4-Chlorotoluene	50.000	51.326	-2.7	83	0.02
83 T	tert-Butylbenzene	50.000	49.471	1.1	78	0.02
84 T	1,2,4-Trimethylbenzene	50.000	48.757	2.5	79	0.02
85 T	sec-Butylbenzene	50.000	47.179	5.6	76	0.01
86 T	p-Isopropyltoluene	50.000	46.487	7.0	70	0.02
87 T	1,3-Dichlorobenzene	50.000	47.955	4.1	77	0.01
88 T	1,4-Dichlorobenzene	50.000	45.571	8.9	76	0.01
89 T	n-Butylbenzene	50.000	51.877	-3.8	87	0.02

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90 T	Hexachloroethane	50.000	49.151	1.7	77	0.01
91 T	1,2-Dichlorobenzene	50.000	46.878	6.2	80	0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.422	-0.8	82	0.01
93 T	1,2,4-Trichlorobenzene	50.000	47.124	5.8	80	0.01
94 T	Hexachlorobutadiene	50.000	53.690	-7.4	88	0.02
95 T	Naphthalene	50.000	49.662	0.7	79	0.02
96 T	1,2,3-Trichlorobenzene	50.000	53.665	-7.3	87	0.02

(#) = Out of Range

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