

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD050619\
 Data File : VD062124.D
 Acq On : 6 May 2019 11:43
 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 07 05:15:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:52 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	71	0.00
2 T	Dichlorodifluoromethane	50.000	46.696	6.6	65	-0.01
3 P	Chloromethane	50.000	40.618	18.8	63	0.00
4 C	Vinyl Chloride	50.000	46.830	6.3#	70	0.00
5 T	Bromomethane	50.000	58.368	-16.7	76	0.00
6 T	Chloroethane	50.000	49.998	0.0	70	-0.01
7 T	Trichlorofluoromethane	50.000	53.614	-7.2	80	-0.01
8 T	Diethyl Ether	50.000	42.388	15.2	64	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.177	-0.4	75	-0.01
10 T	Methyl Iodide	50.000	45.448	9.1	68	-0.01
11 T	Tert butyl alcohol	250.000	259.108	-3.6	78	-0.01
12 CM	1,1-Dichloroethene	50.000	45.527	8.9#	67	-0.01
13 T	Acrolein	250.000	267.676	-7.1	90	-0.01
14 T	Allyl chloride	50.000	44.719	10.6	68	-0.01
15 T	Acrylonitrile	250.000	224.444	10.2	67	-0.01
16 T	Acetone	250.000	280.123	-12.0	80	0.00
17 T	Carbon Disulfide	50.000	43.388	13.2	64	-0.01
18 T	Methyl Acetate	50.000	47.656	4.7	75	0.00
19 T	Methyl tert-butyl Ether	50.000	47.325	5.3	71	-0.01
20 T	Methylene Chloride	50.000	44.582	10.8	66	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.262	9.5	66	0.00
22 T	Diisopropyl ether	50.000	44.426	11.1	67	0.00
23 T	Vinyl Acetate	250.000	229.269	8.3	67	0.00
24 P	1,1-Dichloroethane	50.000	46.439	7.1	71	-0.01
25 T	2-Butanone	250.000	221.880	11.2	67	0.00
26 T	2,2-Dichloropropane	50.000	50.078	-0.2	77	0.00
27 T	cis-1,2-Dichloroethene	50.000	43.828	12.3	68	0.00
28 T	Bromochloromethane	50.000	50.833	-1.7	77	-0.01
29	Tetrahydrofuran	250.000	196.384	21.4#	56	0.00
30 C	Chloroform	50.000	45.312	9.4#	64	-0.01
31 T	Cyclohexane	50.000	42.910	14.2	59	0.00
32 T	1,1,1-Trichloroethane	50.000	49.133	1.7	67	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.891	-13.8	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35 S	Dibromofluoromethane	50.000	58.175	-16.3	83	0.00
36 T	1,1-Dichloropropene	50.000	47.636	4.7	66	0.00
37 T	Ethyl Acetate	50.000	44.774	10.5	69	0.00
38 T	Carbon Tetrachloride	50.000	50.764	-1.5	66	-0.01
39 T	Methylcyclohexane	50.000	45.263	9.5	64	0.00
40 TM	Benzene	50.000	45.181	9.6	64	0.00
41 T	Methacrylonitrile	50.000	45.939	8.1	62	0.00
42 TM	1,2-Dichloroethane	50.000	49.619	0.8	73	0.00
43 T	Isopropyl Acetate	50.000	43.133	13.7	64	0.00
44 TM	Trichloroethene	50.000	47.407	5.2	66	0.00
45 C	1,2-Dichloropropane	50.000	47.089	5.8#	67	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	48.031	3.9	68	0.00
47 T	Bromodichloromethane	50.000	49.684	0.6	73	0.00
48 T	Methyl methacrylate	50.000	47.750	4.5	73	-0.01
49 T	1,4-Dioxane	1000.000	989.202	1.1	67	0.00
50 S	Toluene-d8	50.000	56.672	-13.3	84	-0.01
51 T	4-Methyl-2-Pentanone	250.000	248.551	0.6	72	0.00
52 CM	Toluene	50.000	51.171	-2.3#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	50.137	-0.3	69	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.187	-2.4	74	0.00
55 T	1,1,2-Trichloroethane	50.000	50.745	-1.5	74	0.00
56 T	Ethyl methacrylate	50.000	48.102	3.8	71	0.00
57 T	1,3-Dichloropropane	50.000	49.260	1.5	74	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	275.735	-10.3	86	0.00
59 T	2-Hexanone	250.000	256.415	-2.6	74	0.00
60 T	Dibromochloromethane	50.000	54.943	-9.9	79	0.00
61 T	1,2-Dibromoethane	50.000	53.203	-6.4	83	0.00
62 S	4-Bromofluorobenzene	50.000	57.989	-16.0	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
64 T	Tetrachloroethene	50.000	47.022	6.0	72	0.00
65 PM	Chlorobenzene	50.000	47.151	5.7	73	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.788	0.4	76	0.00
67 C	Ethyl Benzene	50.000	49.319	1.4#	77	0.00
68 T	m/p-Xylenes	100.000	95.681	4.3	77	0.00
69 T	o-Xylene	50.000	49.622	0.8	79	0.00
70 T	Styrene	50.000	49.260	1.5	77	0.00
71 P	Bromoform	50.000	54.888	-9.8	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	45.099	9.8	79	0.00
74 T	N-amyl acetate	50.000	39.310	21.4#	68	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	41.676	16.6	71	0.00
76 T	1,2,3-Trichloropropane	50.000	45.720	8.6	76	0.00
77 T	Bromobenzene	50.000	43.347	13.3	76	0.00
78 T	n-propylbenzene	50.000	44.127	11.7	80	0.00
79 T	2-Chlorotoluene	50.000	42.510	15.0	75	0.00
80 T	1,3,5-Trimethylbenzene	50.000	43.819	12.4	78	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.771	8.5	81	0.00
82 T	4-Chlorotoluene	50.000	41.606	16.8	73	0.00
83 T	tert-Butylbenzene	50.000	45.490	9.0	77	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.608	2.8	78	0.00
85 T	sec-Butylbenzene	50.000	46.145	7.7	79	0.00
86 T	p-Isopropyltoluene	50.000	46.153	7.7	75	0.00
87 T	1,3-Dichlorobenzene	50.000	43.749	12.5	76	0.00
88 T	1,4-Dichlorobenzene	50.000	47.534	4.9	80	0.00
89 T	n-Butylbenzene	50.000	43.605	12.8	75	0.00

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90 T	Hexachloroethane	50.000	42.717	14.6	70	0.00
91 T	1,2-Dichlorobenzene	50.000	44.420	11.2	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.652	12.7	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	42.627	14.7	69	0.00
94 T	Hexachlorobutadiene	50.000	44.528	10.9	69	0.00
95 T	Naphthalene	50.000	44.661	10.7	76	0.00
96 T	1,2,3-Trichlorobenzene	50.000	46.889	6.2	73	0.00

(#) = Out of Range

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