

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD022520\
 Data File : VD065304.D
 Acq On : 25 Feb 2020 11:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 25 23:42:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	50.925	-1.8	104	0.00
3 P	Chloromethane	50.000	46.667	6.7	101	0.00
4 C	Vinyl Chloride	50.000	47.582	4.8#	100	0.00
5 T	Bromomethane	50.000	44.062	11.9	101	0.00
6 T	Chloroethane	50.000	47.026	5.9	100	0.00
7 T	Trichlorofluoromethane	50.000	48.675	2.7	104	0.00
8 T	Diethyl Ether	50.000	46.929	6.1	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.645	0.7	108	0.00
10 T	Methyl Iodide	50.000	51.310	-2.6	97	0.00
11 T	Tert butyl alcohol	250.000	218.137	12.7	96	-0.01
12 CM	1,1-Dichloroethene	50.000	49.784	0.4#	105	0.00
13 T	Acrolein	250.000	260.575	-4.2	118	0.00
14 T	Allyl chloride	50.000	48.857	2.3	102	0.00
15 T	Acrylonitrile	250.000	228.793	8.5	95	0.00
16 T	Acetone	250.000	239.863	4.1	92	0.00
17 T	Carbon Disulfide	50.000	47.860	4.3	102	0.00
18 T	Methyl Acetate	50.000	43.394	13.2	93	0.00
19 T	Methyl tert-butyl Ether	50.000	47.642	4.7	96	0.00
20 T	Methylene Chloride	50.000	50.101	-0.2	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.876	0.2	106	0.00
22 T	Diisopropyl ether	50.000	49.219	1.6	99	0.00
23 T	Vinyl Acetate	250.000	244.782	2.1	94	0.00
24 P	1,1-Dichloroethane	50.000	48.365	3.3	104	0.00
25 T	2-Butanone	250.000	223.817	10.5	88	0.00
26 T	2,2-Dichloropropane	50.000	48.993	2.0	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.139	3.7	101	0.00
28 T	Bromochloromethane	50.000	46.850	6.3	104	0.00
29 T	Tetrahydrofuran	250.000	232.347	7.1	92	0.00
30 C	Chloroform	50.000	46.923	6.2#	101	0.00
31 T	Cyclohexane	50.000	48.231	3.5	105	0.00
32 T	1,1,1-Trichloroethane	50.000	48.663	2.7	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.106	9.8	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	49.823	0.4	98	0.00
36 T	1,1-Dichloropropene	50.000	51.334	-2.7	106	0.00
37 T	Ethyl Acetate	50.000	44.216	11.6	92	0.00
38 T	Carbon Tetrachloride	50.000	51.208	-2.4	107	0.00
39 T	Methylcyclohexane	50.000	54.160	-8.3	107	0.00
40 TM	Benzene	50.000	50.049	-0.1	103	0.00
41 T	Methacrylonitrile	50.000	45.597	8.8	96	0.00
42 TM	1,2-Dichloroethane	50.000	46.121	7.8	95	0.00
43 T	Isopropyl Acetate	50.000	46.402	7.2	91	0.00
44 TM	Trichloroethene	50.000	50.416	-0.8	104	0.00
45 C	1,2-Dichloropropane	50.000	49.186	1.6#	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	47.728	4.5	96	0.00
47 T	Bromodichloromethane	50.000	48.501	3.0	100	0.00
48 T	Methyl methacrylate	50.000	48.523	3.0	91	0.00
49 T	1,4-Dioxane	1000.000	956.801	4.3	94	0.00
50 S	Toluene-d8	50.000	51.877	-3.8	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	240.404	3.8	92	0.00
52 CM	Toluene	50.000	51.609	-3.2#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	49.237	1.5	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.962	0.1	100	0.00
55 T	1,1,2-Trichloroethane	50.000	47.767	4.5	97	0.00
56 T	Ethyl methacrylate	50.000	50.450	-0.9	95	0.00
57 T	1,3-Dichloropropane	50.000	49.112	1.8	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	213.436	14.6	93	0.00
59 T	2-Hexanone	250.000	245.979	1.6	89	0.00
60 T	Dibromochloromethane	50.000	48.738	2.5	99	0.00
61 T	1,2-Dibromoethane	50.000	48.457	3.1	97	0.00
62 S	4-Bromofluorobenzene	50.000	50.977	-2.0	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	51.029	-2.1	105	0.00
65 PM	Chlorobenzene	50.000	50.427	-0.9	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.926	0.1	102	0.00
67 C	Ethyl Benzene	50.000	52.543	-5.1#	104	0.00
68 T	m/p-Xylenes	100.000	105.639	-5.6	103	0.00
69 T	o-Xylene	50.000	52.842	-5.7	102	0.00
70 T	Styrene	50.000	52.423	-4.8	101	0.00
71 P	Bromoform	50.000	47.439	5.1	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	54.559	-9.1	105	0.00
74 T	N-amyl acetate	50.000	48.395	3.2	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.030	5.9	95	0.00
76 T	1,2,3-Trichloropropane	50.000	46.589	6.8	99	0.00
77 T	Bromobenzene	50.000	50.527	-1.1	100	0.00
78 T	n-propylbenzene	50.000	54.363	-8.7	105	0.00
79 T	2-Chlorotoluene	50.000	52.285	-4.6	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.993	-8.0	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.433	3.1	94	0.00
82 T	4-Chlorotoluene	50.000	51.957	-3.9	103	0.00
83 T	tert-Butylbenzene	50.000	56.094	-12.2	108	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.897	-5.8	102	0.00
85 T	sec-Butylbenzene	50.000	53.852	-7.7	105	0.00
86 T	p-Isopropyltoluene	50.000	54.485	-9.0	105	0.00
87 T	1,3-Dichlorobenzene	50.000	50.504	-1.0	102	0.00
88 T	1,4-Dichlorobenzene	50.000	49.677	0.6	100	0.00
89 T	n-Butylbenzene	50.000	54.348	-8.7	105	0.00

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90 T	Hexachloroethane	50.000	51.432	-2.9	105	0.00
91 T	1,2-Dichlorobenzene	50.000	49.899	0.2	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.828	10.3	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.175	-4.3	101	0.00
94 T	Hexachlorobutadiene	50.000	52.560	-5.1	109	0.00
95 T	Naphthalene	50.000	52.009	-4.0	96	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.338	-2.7	100	0.00

(#) = Out of Range

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