

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD120420\
 Data File : VD067876.D
 Acq On : 04 Dec 2020 10:18
 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: Dec 04 23:54:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	90	0.00
2 T	Dichlorodifluoromethane	50.000	53.590	-7.2	96	0.00
3 P	Chloromethane	50.000	45.770	8.5	86	0.00
4 C	Vinyl Chloride	50.000	50.368	-0.7#	95	0.00
5 T	Bromomethane	50.000	62.193	-24.4	121	0.00
6 T	Chloroethane	50.000	52.256	-4.5	95	0.00
7 T	Trichlorofluoromethane	50.000	50.185	-0.4	96	0.00
8 T	Diethyl Ether	50.000	46.296	7.4	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.061	1.9	92	0.00
10 T	Methyl Iodide	50.000	45.135	9.7	78	0.00
11 T	Tert butyl alcohol	250.000	200.980	19.6	79	0.00
12 CM	1,1-Dichloroethene	50.000	49.732	0.5#	93	0.00
13 T	Acrolein	250.000	212.352	15.1	75	0.00
14 T	Allyl chloride	50.000	49.966	0.1	90	0.00
15 T	Acrylonitrile	250.000	231.764	7.3	83	0.00
16 T	Acetone	250.000	242.170	3.1	79	0.00
17 T	Carbon Disulfide	50.000	48.579	2.8	92	0.00
18 T	Methyl Acetate	50.000	47.256	5.5	85	0.00
19 T	Methyl tert-butyl Ether	50.000	49.527	0.9	87	0.00
20 T	Methylene Chloride	50.000	52.251	-4.5	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.474	1.1	92	0.00
22 T	Diisopropyl ether	50.000	49.012	2.0	88	0.00
23 T	Vinyl Acetate	250.000	253.287	-1.3	85	0.00
24 P	1,1-Dichloroethane	50.000	50.108	-0.2	91	0.00
25 T	2-Butanone	250.000	233.724	6.5	80	0.00
26 T	2,2-Dichloropropane	50.000	51.876	-3.8	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.728	0.5	91	0.00
28 T	Bromochloromethane	50.000	47.826	4.3	91	0.00
29 T	Tetrahydrofuran	250.000	229.338	8.3	79	0.00
30 C	Chloroform	50.000	49.224	1.6#	92	0.00
31 T	Cyclohexane	50.000	45.847	8.3	91	0.00
32 T	1,1,1-Trichloroethane	50.000	49.890	0.2	94	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.456	7.1	83	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	48.292	3.4	84	0.00
36 T	1,1-Dichloropropene	50.000	50.494	-1.0	91	0.00
37 T	Ethyl Acetate	50.000	46.101	7.8	83	0.00
38 T	Carbon Tetrachloride	50.000	51.972	-3.9	96	0.00
39 T	Methylcyclohexane	50.000	49.152	1.7	89	0.00
40 TM	Benzene	50.000	50.397	-0.8	92	0.00
41 T	Methacrylonitrile	50.000	48.226	3.5	73	0.00
42 TM	1,2-Dichloroethane	50.000	49.402	1.2	87	0.00
43 T	Isopropyl Acetate	50.000	46.308	7.4	81	0.00
44 TM	Trichloroethene	50.000	49.985	0.0	92	0.00
45 C	1,2-Dichloropropane	50.000	48.319	3.4#	90	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.795	2.4	87	0.00
47 T	Bromodichloromethane	50.000	50.035	-0.1	93	0.00
48 T	Methyl methacrylate	50.000	45.569	8.9	82	0.00
49 T	1,4-Dioxane	1000.000	821.080	17.9	75	0.00
50 S	Toluene-d8	50.000	49.617	0.8	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	232.412	7.0	81	0.00
52 CM	Toluene	50.000	50.289	-0.6#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	49.852	0.3	89	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.640	-1.3	91	0.00
55 T	1,1,2-Trichloroethane	50.000	46.401	7.2	88	0.00
56 T	Ethyl methacrylate	50.000	46.630	6.7	81	0.00
57 T	1,3-Dichloropropane	50.000	46.827	6.3	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.849	-3.5	84	0.00
59 T	2-Hexanone	250.000	249.851	0.1	84	0.00
60 T	Dibromochloromethane	50.000	48.959	2.1	91	0.00
61 T	1,2-Dibromoethane	50.000	46.454	7.1	87	0.00
62 S	4-Bromofluorobenzene	50.000	50.162	-0.3	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	45.691	8.6	90	0.00
65 PM	Chlorobenzene	50.000	49.276	1.4	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.213	1.6	94	0.00
67 C	Ethyl Benzene	50.000	49.877	0.2#	93	0.00
68 T	m/p-Xylenes	100.000	97.463	2.5	91	0.00
69 T	o-Xylene	50.000	52.062	-4.1	95	0.00
70 T	Styrene	50.000	51.029	-2.1	93	0.00
71 P	Bromoform	50.000	48.417	3.2	87	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	51.338	-2.7	94	0.00
74 T	N-amyl acetate	50.000	47.310	5.4	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.125	11.8	82	0.00
76 T	1,2,3-Trichloropropane	50.000	44.904	10.2	87	0.00
77 T	Bromobenzene	50.000	49.713	0.6	90	0.00
78 T	n-propylbenzene	50.000	49.962	0.1	91	0.00
79 T	2-Chlorotoluene	50.000	49.262	1.5	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.480	-1.0	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.522	15.0	78	0.00
82 T	4-Chlorotoluene	50.000	50.489	-1.0	93	0.00
83 T	tert-Butylbenzene	50.000	51.238	-2.5	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.770	0.5	89	0.00
85 T	sec-Butylbenzene	50.000	48.654	2.7	89	0.00
86 T	p-Isopropyltoluene	50.000	48.710	2.6	88	0.00
87 T	1,3-Dichlorobenzene	50.000	47.669	4.7	91	0.00
88 T	1,4-Dichlorobenzene	50.000	48.253	3.5	93	0.00
89 T	n-Butylbenzene	50.000	48.292	3.4	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.697	4.6	92	0.00
91 T	1,2-Dichlorobenzene	50.000	48.011	4.0	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.353	11.3	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.509	3.0	87	0.00
94 T	Hexachlorobutadiene	50.000	46.820	6.4	86	0.00
95 T	Naphthalene	50.000	47.465	5.1	82	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.542	2.9	87	0.00

(#) = Out of Range

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