

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD072420\
 Data File : VD066038.D
 Acq On : 24 Jul 2020 10:51
 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: Jul 25 00:00:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 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	78	0.00
2 T	Dichlorodifluoromethane	50.000	43.005	14.0	72	0.00
3 P	Chloromethane	50.000	41.930	16.1	69	0.00
4 C	Vinyl Chloride	50.000	46.113	7.8#	73	0.00
5 T	Bromomethane	50.000	46.195	7.6	66	0.00
6 T	Chloroethane	50.000	48.102	3.8	74	0.00
7 T	Trichlorofluoromethane	50.000	48.739	2.5	76	0.00
8 T	Diethyl Ether	50.000	48.354	3.3	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.483	1.0	77	0.00
10 T	Methyl Iodide	50.000	51.872	-3.7	96	0.00
11 T	Tert butyl alcohol	250.000	229.527	8.2	71	-0.01
12 CM	1,1-Dichloroethene	50.000	47.305	5.4#	74	0.00
13 T	Acrolein	250.000	219.633	12.1	78	0.00
14 T	Allyl chloride	50.000	45.810	8.4	69	0.00
15 T	Acrylonitrile	250.000	237.090	5.2	74	-0.01
16 T	Acetone	250.000	261.740	-4.7	79	0.00
17 T	Carbon Disulfide	50.000	44.170	11.7	69	0.00
18 T	Methyl Acetate	50.000	44.403	11.2	73	0.00
19 T	Methyl tert-butyl Ether	50.000	50.966	-1.9	78	0.00
20 T	Methylene Chloride	50.000	51.052	-2.1	79	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.693	2.6	76	0.00
22 T	Diisopropyl ether	50.000	50.010	-0.0	75	-0.01
23 T	Vinyl Acetate	250.000	250.968	-0.4	75	0.00
24 P	1,1-Dichloroethane	50.000	50.062	-0.1	76	0.00
25 T	2-Butanone	250.000	241.942	3.2	74	0.00
26 T	2,2-Dichloropropane	50.000	50.645	-1.3	78	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.364	1.3	76	0.00
28 T	Bromochloromethane	50.000	51.878	-3.8	88	0.00
29 T	Tetrahydrofuran	250.000	234.796	6.1	72	0.00
30 C	Chloroform	50.000	50.331	-0.7#	78	0.00
31 T	Cyclohexane	50.000	45.020	10.0	71	0.00
32 T	1,1,1-Trichloroethane	50.000	51.063	-2.1	79	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.613	-7.2	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35 S	Dibromofluoromethane	50.000	54.010	-8.0	96	0.00
36 T	1,1-Dichloropropene	50.000	51.213	-2.4	77	0.00
37 T	Ethyl Acetate	50.000	51.026	-2.1	79	0.00
38 T	Carbon Tetrachloride	50.000	52.575	-5.2	79	0.00
39 T	Methylcyclohexane	50.000	51.911	-3.8	75	0.00
40 TM	Benzene	50.000	50.941	-1.9	77	0.00
41 T	Methacrylonitrile	50.000	53.726	-7.5	79	0.00
42 TM	1,2-Dichloroethane	50.000	52.011	-4.0	79	0.00
43 T	Isopropyl Acetate	50.000	47.979	4.0	72	0.00
44 TM	Trichloroethene	50.000	52.509	-5.0	80	0.00
45 C	1,2-Dichloropropane	50.000	51.029	-2.1#	76	0.00

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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)
46 T	Dibromomethane	50.000	51.446	-2.9	78	0.00
47 T	Bromodichloromethane	50.000	51.788	-3.6	79	0.00
48 T	Methyl methacrylate	50.000	48.706	2.6	73	0.00
49 T	1,4-Dioxane	1000.000	1010.511	-1.1	74	0.00
50 S	Toluene-d8	50.000	54.938	-9.9	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	251.676	-0.7	74	0.00
52 CM	Toluene	50.000	52.617	-5.2#	77	0.00
53 T	t-1,3-Dichloropropene	50.000	52.555	-5.1	79	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.189	-4.4	78	0.00
55 T	1,1,2-Trichloroethane	50.000	52.156	-4.3	80	0.00
56 T	Ethyl methacrylate	50.000	52.521	-5.0	75	0.00
57 T	1,3-Dichloropropane	50.000	52.103	-4.2	79	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	252.227	-0.9	87	0.00
59 T	2-Hexanone	250.000	264.377	-5.8	76	0.00
60 T	Dibromochloromethane	50.000	53.455	-6.9	82	0.00
61 T	1,2-Dibromoethane	50.000	52.356	-4.7	79	0.00
62 S	4-Bromofluorobenzene	50.000	54.662	-9.3	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64 T	Tetrachloroethene	50.000	51.328	-2.7	80	0.00
65 PM	Chlorobenzene	50.000	52.101	-4.2	81	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.672	-7.3	82	0.00
67 C	Ethyl Benzene	50.000	53.522	-7.0#	82	0.00
68 T	m/p-Xylenes	100.000	106.551	-6.6	80	0.00
69 T	o-Xylene	50.000	54.970	-9.9	82	0.00
70 T	Styrene	50.000	54.885	-9.8	82	0.00
71 P	Bromoform	50.000	51.145	-2.3	82	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	52.200	-4.4	83	0.00
74 T	N-amyl acetate	50.000	48.402	3.2	77	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.048	5.9	79	0.00
76 T	1,2,3-Trichloropropane	50.000	46.536	6.9	81	0.00
77 T	Bromobenzene	50.000	50.481	-1.0	84	0.00
78 T	n-propylbenzene	50.000	52.138	-4.3	83	0.00
79 T	2-Chlorotoluene	50.000	50.467	-0.9	82	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.667	-7.3	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.159	1.7	82	0.00
82 T	4-Chlorotoluene	50.000	51.184	-2.4	83	0.00
83 T	tert-Butylbenzene	50.000	52.884	-5.8	83	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.476	-7.0	86	0.00
85 T	sec-Butylbenzene	50.000	53.296	-6.6	85	0.00
86 T	p-Isopropyltoluene	50.000	54.334	-8.7	85	0.00
87 T	1,3-Dichlorobenzene	50.000	51.108	-2.2	85	0.00
88 T	1,4-Dichlorobenzene	50.000	52.080	-4.2	88	0.00
89 T	n-Butylbenzene	50.000	54.429	-8.9	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.999	-2.0	85	0.00
91 T	1,2-Dichlorobenzene	50.000	52.474	-4.9	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.438	7.1	79	0.01
93 T	1,2,4-Trichlorobenzene	50.000	53.985	-8.0	89	0.00
94 T	Hexachlorobutadiene	50.000	54.375	-8.8	89	0.00
95 T	Naphthalene	50.000	47.913	4.2	85	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.169	-6.3	88	0.00

(#) = Out of Range

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