

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD073020\
 Data File : VD066101.D
 Acq On : 30 Jul 2020 10:06
 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 31 02:48:04 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	61	0.00
2 T	Dichlorodifluoromethane	50.000	43.426	13.1	57	0.00
3 P	Chloromethane	50.000	40.079	19.8	52	0.00
4 C	Vinyl Chloride	50.000	47.443	5.1#	59	0.00
5 T	Bromomethane	50.000	50.126	-0.3	56	0.00
6 T	Chloroethane	50.000	48.984	2.0	59	0.00
7 T	Trichlorofluoromethane	50.000	51.798	-3.6	63	0.00
8 T	Diethyl Ether	50.000	43.126	13.7	53	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.408	1.2	61	0.00
10 T	Methyl Iodide	50.000	48.089	3.8	68	0.00
11 T	Tert butyl alcohol	250.000	200.526	19.8	50	0.00
12 CM	1,1-Dichloroethene	50.000	47.344	5.3#	58	0.00
13 T	Acrolein	250.000	169.382	32.2#	47	0.00
14 T	Allyl chloride	50.000	41.904	16.2	50	0.00
15 T	Acrylonitrile	250.000	218.933	12.4	53	-0.01
16 T	Acetone	250.000	289.276	-15.7	68	0.00
17 T	Carbon Disulfide	50.000	40.295	19.4	49	0.00
18 T	Methyl Acetate	50.000	40.636	18.7	52	0.00
19 T	Methyl tert-butyl Ether	50.000	49.387	1.2	60	0.00
20 T	Methylene Chloride	50.000	44.953	10.1	55	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.515	5.0	58	0.00
22 T	Diisopropyl ether	50.000	45.076	9.8	53	0.00
23 T	Vinyl Acetate	250.000	233.520	6.6	54	0.00
24 P	1,1-Dichloroethane	50.000	47.613	4.8	57	0.00
25 T	2-Butanone	250.000	233.656	6.5	56	0.00
26 T	2,2-Dichloropropane	50.000	53.066	-6.1	64	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.458	5.1	57	0.00
28 T	Bromochloromethane	50.000	47.727	4.5	63	0.00
29 T	Tetrahydrofuran	250.000	216.504	13.4	52	0.00
30 C	Chloroform	50.000	51.190	-2.4#	62	0.00
31 T	Cyclohexane	50.000	42.088	15.8	52	0.00
32 T	1,1,1-Trichloroethane	50.000	53.634	-7.3	65	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.229	-4.5	73	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	59	0.00
35 S	Dibromofluoromethane	50.000	52.073	-4.1	70	0.00
36 T	1,1-Dichloropropene	50.000	54.197	-8.4	61	0.00
37 T	Ethyl Acetate	50.000	48.338	3.3	56	0.00
38 T	Carbon Tetrachloride	50.000	59.659	-19.3	68	0.00
39 T	Methylcyclohexane	50.000	52.884	-5.8	58	0.00
40 TM	Benzene	50.000	51.023	-2.0	58	0.00
41 T	Methacrylonitrile	50.000	47.340	5.3	52	-0.01
42 TM	1,2-Dichloroethane	50.000	55.642	-11.3	64	0.00
43 T	Isopropyl Acetate	50.000	48.776	2.4	55	0.00
44 TM	Trichloroethene	50.000	52.478	-5.0	60	0.00
45 C	1,2-Dichloropropane	50.000	49.984	0.0#	56	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	51.668	-3.3	59	0.00
47 T	Bromodichloromethane	50.000	53.752	-7.5	62	0.00
48 T	Methyl methacrylate	50.000	44.707	10.6	50	0.00
49 T	1,4-Dioxane	1000.000	1027.577	-2.8	57	0.00
50 S	Toluene-d8	50.000	54.027	-8.1	69	0.00
51 T	4-Methyl-2-Pentanone	250.000	247.160	1.1	55	0.00
52 CM	Toluene	50.000	54.705	-9.4#	60	0.00
53 T	t-1,3-Dichloropropene	50.000	55.267	-10.5	63	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.085	-2.2	57	0.00
55 T	1,1,2-Trichloroethane	50.000	52.586	-5.2	60	0.00
56 T	Ethyl methacrylate	50.000	54.531	-9.1	59	0.00
57 T	1,3-Dichloropropane	50.000	52.114	-4.2	60	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	242.105	3.2	63	0.00
59 T	2-Hexanone	250.000	279.142	-11.7	61	0.00
60 T	Dibromochloromethane	50.000	54.456	-8.9	63	0.00
61 T	1,2-Dibromoethane	50.000	53.551	-7.1	61	0.00
62 S	4-Bromofluorobenzene	50.000	53.218	-6.4	70	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	59	0.00
64 T	Tetrachloroethene	50.000	55.465	-10.9	64	0.00
65 PM	Chlorobenzene	50.000	54.270	-8.5	62	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.579	-15.2	65	0.00
67 C	Ethyl Benzene	50.000	56.456	-12.9#	64	0.00
68 T	m/p-Xylenes	100.000	112.068	-12.1	62	0.00
69 T	o-Xylene	50.000	56.914	-13.8	63	0.00
70 T	Styrene	50.000	59.241	-18.5	66	0.00
71 P	Bromoform	50.000	58.376	-16.8	69	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	68	0.00
73 T	Isopropylbenzene	50.000	52.666	-5.3	66	0.00
74 T	N-amyl acetate	50.000	46.305	7.4	58	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.754	6.5	62	0.00
76 T	1,2,3-Trichloropropane	50.000	47.698	4.6	65	0.00
77 T	Bromobenzene	50.000	50.015	-0.0	66	0.00
78 T	n-propylbenzene	50.000	52.580	-5.2	66	0.00
79 T	2-Chlorotoluene	50.000	50.833	-1.7	65	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.387	-8.8	68	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.694	0.6	65	0.00
82 T	4-Chlorotoluene	50.000	50.642	-1.3	65	0.00
83 T	tert-Butylbenzene	50.000	53.703	-7.4	67	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.061	-8.1	68	0.00
85 T	sec-Butylbenzene	50.000	54.384	-8.8	68	0.00
86 T	p-Isopropyltoluene	50.000	55.674	-11.3	69	0.00
87 T	1,3-Dichlorobenzene	50.000	51.829	-3.7	68	0.00
88 T	1,4-Dichlorobenzene	50.000	52.047	-4.1	69	0.00
89 T	n-Butylbenzene	50.000	54.941	-9.9	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.913	-3.8	68	0.00
91 T	1,2-Dichlorobenzene	50.000	51.970	-3.9	68	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.444	1.1	67	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.068	-10.1	72	0.00
94 T	Hexachlorobutadiene	50.000	57.327	-14.7	74	0.00
95 T	Naphthalene	50.000	48.227	3.5	68	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.448	-6.9	70	0.00

(#) = Out of Range

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