

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD072720\
 Data File : VD066070.D
 Acq On : 27 Jul 2020 16:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 27 17:58:30 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	63	0.00
2 T	Dichlorodifluoromethane	50.000	40.119	19.8	54	0.00
3 P	Chloromethane	50.000	44.580	10.8	59	0.00
4 C	Vinyl Chloride	50.000	43.713	12.6#	56	0.00
5 T	Bromomethane	50.000	49.489	1.0	56	0.00
6 T	Chloroethane	50.000	47.940	4.1	59	0.00
7 T	Trichlorofluoromethane	50.000	48.036	3.9	60	0.00
8 T	Diethyl Ether	50.000	53.204	-6.4	67	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.394	9.2	57	0.00
10 T	Methyl Iodide	50.000	55.431	-10.9	83	-0.01
11 T	Tert butyl alcohol	250.000	286.954	-14.8	69	0.00
12 CM	1,1-Dichloroethene	50.000	46.898	6.2#	58	0.00
13 T	Acrolein	250.000	225.501	9.8	64	0.00
14 T	Allyl chloride	50.000	47.737	4.5	58	0.00
15 T	Acrylonitrile	250.000	268.422	-7.4	67	0.00
16 T	Acetone	250.000	233.893	6.4	56	0.00
17 T	Carbon Disulfide	50.000	43.899	12.2	55	0.00
18 T	Methyl Acetate	50.000	51.648	-3.3	68	0.00
19 T	Methyl tert-butyl Ether	50.000	59.585	-19.2	73	0.00
20 T	Methylene Chloride	50.000	55.383	-10.8	68	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.756	-1.5	63	0.00
22 T	Diisopropyl ether	50.000	53.264	-6.5	64	0.00
23 T	Vinyl Acetate	250.000	278.295	-11.3	66	0.00
24 P	1,1-Dichloroethane	50.000	53.741	-7.5	65	0.00
25 T	2-Butanone	250.000	257.843	-3.1	63	0.00
26 T	2,2-Dichloropropane	50.000	50.630	-1.3	62	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.001	-6.0	65	0.00
28 T	Bromochloromethane	50.000	56.381	-12.8	76	0.00
29 T	Tetrahydrofuran	250.000	269.814	-7.9	66	0.00
30 C	Chloroform	50.000	55.472	-10.9#	69	0.00
31 T	Cyclohexane	50.000	42.923	14.2	54	0.00
32 T	1,1,1-Trichloroethane	50.000	53.426	-6.9	66	0.00
33 S	1,2-Dichloroethane-d4	50.000	60.670	-21.3#	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	65	0.00
35 S	Dibromofluoromethane	50.000	56.844	-13.7	85	0.00
36 T	1,1-Dichloropropene	50.000	48.605	2.8	61	0.00
37 T	Ethyl Acetate	50.000	53.838	-7.7	70	0.00
38 T	Carbon Tetrachloride	50.000	52.505	-5.0	66	0.00
39 T	Methylcyclohexane	50.000	46.145	7.7	56	0.00
40 TM	Benzene	50.000	51.369	-2.7	65	0.00
41 T	Methacrylonitrile	50.000	56.836	-13.7	70	0.00
42 TM	1,2-Dichloroethane	50.000	59.290	-18.6	76	0.00
43 T	Isopropyl Acetate	50.000	53.851	-7.7	68	0.00
44 TM	Trichloroethene	50.000	51.544	-3.1	66	0.00
45 C	1,2-Dichloropropane	50.000	51.765	-3.5#	65	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	55.226	-10.5	70	0.00
47 T	Bromodichloromethane	50.000	55.175	-10.3	70	0.00
48 T	Methyl methacrylate	50.000	50.819	-1.6	64	0.00
49 T	1,4-Dioxane	1000.000	1075.735	-7.6	66	0.00
50 S	Toluene-d8	50.000	56.067	-12.1	80	0.00
51 T	4-Methyl-2-Pentanone	250.000	280.311	-12.1	70	0.00
52 CM	Toluene	50.000	53.917	-7.8#	66	0.00
53 T	t-1,3-Dichloropropene	50.000	56.866	-13.7	72	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.265	-8.5	68	0.00
55 T	1,1,2-Trichloroethane	50.000	55.660	-11.3	71	0.00
56 T	Ethyl methacrylate	50.000	58.680	-17.4	70	0.00
57 T	1,3-Dichloropropane	50.000	54.568	-9.1	70	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	278.078	-11.2	80	0.00
59 T	2-Hexanone	250.000	274.675	-9.9	67	0.00
60 T	Dibromochloromethane	50.000	58.733	-17.5	76	0.00
61 T	1,2-Dibromoethane	50.000	58.241	-16.5	74	0.00
62 S	4-Bromofluorobenzene	50.000	57.523	-15.0	84	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	69	0.00
64 T	Tetrachloroethene	50.000	50.076	-0.2	67	0.00
65 PM	Chlorobenzene	50.000	52.519	-5.0	70	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.414	-12.8	74	0.00
67 C	Ethyl Benzene	50.000	52.729	-5.5#	69	0.00
68 T	m/p-Xylenes	100.000	107.891	-7.9	70	0.00
69 T	o-Xylene	50.000	54.278	-8.6	70	0.00
70 T	Styrene	50.000	56.902	-13.8	73	0.00
71 P	Bromoform	50.000	57.749	-15.5	80	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	78	0.00
73 T	Isopropylbenzene	50.000	48.958	2.1	70	0.00
74 T	N-amyl acetate	50.000	50.718	-1.4	73	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.602	0.8	75	0.00
76 T	1,2,3-Trichloropropane	50.000	41.408	17.2	65	0.00
77 T	Bromobenzene	50.000	51.317	-2.6	77	0.00
78 T	n-propylbenzene	50.000	48.569	2.9	69	0.00
79 T	2-Chlorotoluene	50.000	49.537	0.9	72	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.179	-2.4	73	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.135	-0.3	75	0.00
82 T	4-Chlorotoluene	50.000	48.690	2.6	71	0.00
83 T	tert-Butylbenzene	50.000	50.369	-0.7	71	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.030	-4.1	75	0.00
85 T	sec-Butylbenzene	50.000	49.159	1.7	70	0.00
86 T	p-Isopropyltoluene	50.000	51.460	-2.9	73	0.00
87 T	1,3-Dichlorobenzene	50.000	50.630	-1.3	76	0.00
88 T	1,4-Dichlorobenzene	50.000	49.126	1.7	74	0.00
89 T	n-Butylbenzene	50.000	47.874	4.3	68	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.892	2.2	74	0.00
91 T	1,2-Dichlorobenzene	50.000	52.693	-5.4	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.774	0.5	77	0.01
93 T	1,2,4-Trichlorobenzene	50.000	54.005	-8.0	80	0.00
94 T	Hexachlorobutadiene	50.000	49.183	1.6	73	0.00
95 T	Naphthalene	50.000	50.270	-0.5	81	0.00
96 T	1,2,3-Trichlorobenzene	50.000	56.077	-12.2	83	0.00

(#) = Out of Range

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