

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072820\
 Data File : VD066072.D
 Acq On : 28 Jul 2020 11:11
 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 29 01:41:14 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	70	0.00
2 T	Dichlorodifluoromethane	50.000	44.897	10.2	68	0.00
3 P	Chloromethane	50.000	45.232	9.5	67	0.00
4 C	Vinyl Chloride	50.000	48.278	3.4#	69	0.00
5 T	Bromomethane	50.000	47.068	5.9	60	0.00
6 T	Chloroethane	50.000	51.494	-3.0	71	0.00
7 T	Trichlorofluoromethane	50.000	51.647	-3.3	72	0.00
8 T	Diethyl Ether	50.000	50.079	-0.2	71	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.128	1.7	69	0.00
10 T	Methyl Iodide	50.000	53.414	-6.8	89	0.00
11 T	Tert butyl alcohol	250.000	288.527	-15.4	78	-0.02
12 CM	1,1-Dichloroethene	50.000	49.428	1.1#	69	0.00
13 T	Acrolein	250.000	220.824	11.7	71	0.00
14 T	Allyl chloride	50.000	46.457	7.1	63	0.00
15 T	Acrylonitrile	250.000	247.763	0.9	69	0.00
16 T	Acetone	250.000	301.292	-20.5#	81	0.00
17 T	Carbon Disulfide	50.000	43.959	12.1	62	0.00
18 T	Methyl Acetate	50.000	45.486	9.0	67	0.00
19 T	Methyl tert-butyl Ether	50.000	54.039	-8.1	75	0.00
20 T	Methylene Chloride	50.000	49.223	1.6	68	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.367	3.3	68	0.00
22 T	Diisopropyl ether	50.000	48.034	3.9	65	-0.01
23 T	Vinyl Acetate	250.000	258.313	-3.3	69	0.00
24 P	1,1-Dichloroethane	50.000	49.578	0.8	68	0.00
25 T	2-Butanone	250.000	257.190	-2.9	71	0.00
26 T	2,2-Dichloropropane	50.000	54.662	-9.3	75	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.348	-0.7	69	0.00
28 T	Bromochloromethane	50.000	49.800	0.4	76	0.00
29 T	Tetrahydrofuran	250.000	245.324	1.9	67	0.00
30 C	Chloroform	50.000	51.257	-2.5#	72	0.00
31 T	Cyclohexane	50.000	45.146	9.7	64	0.00
32 T	1,1,1-Trichloroethane	50.000	53.976	-8.0	75	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.364	-8.7	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	69	0.00
35 S	Dibromofluoromethane	50.000	54.316	-8.6	86	0.00
36 T	1,1-Dichloropropene	50.000	52.200	-4.4	70	0.00
37 T	Ethyl Acetate	50.000	52.201	-4.4	72	0.00
38 T	Carbon Tetrachloride	50.000	57.153	-14.3	77	0.00
39 T	Methylcyclohexane	50.000	52.509	-5.0	68	0.00
40 TM	Benzene	50.000	51.707	-3.4	69	0.00
41 T	Methacrylonitrile	50.000	51.249	-2.5	67	-0.01
42 TM	1,2-Dichloroethane	50.000	55.989	-12.0	76	0.00
43 T	Isopropyl Acetate	50.000	53.692	-7.4	72	0.00
44 TM	Trichloroethene	50.000	52.804	-5.6	71	0.00
45 C	1,2-Dichloropropane	50.000	50.359	-0.7#	67	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	53.343	-6.7	72	0.00
47 T	Bromodichloromethane	50.000	53.557	-7.1	72	0.00
48 T	Methyl methacrylate	50.000	51.010	-2.0	68	0.00
49 T	1,4-Dioxane	1000.000	1081.256	-8.1	71	0.00
50 S	Toluene-d8	50.000	54.580	-9.2	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	270.035	-8.0	71	0.00
52 CM	Toluene	50.000	53.338	-6.7#	70	0.00
53 T	t-1,3-Dichloropropene	50.000	57.137	-14.3	77	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.409	-6.8	71	0.00
55 T	1,1,2-Trichloroethane	50.000	53.358	-6.7	72	0.00
56 T	Ethyl methacrylate	50.000	56.594	-13.2	72	0.00
57 T	1,3-Dichloropropane	50.000	53.220	-6.4	72	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	253.914	-1.6	78	0.00
59 T	2-Hexanone	250.000	288.462	-15.4	74	0.00
60 T	Dibromochloromethane	50.000	55.158	-10.3	75	0.00
61 T	1,2-Dibromoethane	50.000	54.525	-9.0	73	0.00
62 S	4-Bromofluorobenzene	50.000	55.073	-10.1	85	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	70	0.00
64 T	Tetrachloroethene	50.000	54.061	-8.1	74	0.00
65 PM	Chlorobenzene	50.000	53.519	-7.0	73	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.284	-12.6	75	0.00
67 C	Ethyl Benzene	50.000	55.089	-10.2#	74	0.00
68 T	m/p-Xylenes	100.000	111.215	-11.2	73	0.00
69 T	o-Xylene	50.000	56.547	-13.1	74	0.00
70 T	Styrene	50.000	56.468	-12.9	74	0.00
71 P	Bromoform	50.000	57.108	-14.2	80	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	78	0.00
73 T	Isopropylbenzene	50.000	52.844	-5.7	75	0.00
74 T	N-amyl acetate	50.000	50.125	-0.3	72	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.490	-3.0	78	0.00
76 T	1,2,3-Trichloropropane	50.000	51.963	-3.9	81	0.00
77 T	Bromobenzene	50.000	51.497	-3.0	77	0.00
78 T	n-propylbenzene	50.000	52.940	-5.9	76	0.00
79 T	2-Chlorotoluene	50.000	50.816	-1.6	74	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.370	-6.7	76	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.327	-6.7	80	0.00
82 T	4-Chlorotoluene	50.000	51.316	-2.6	75	0.00
83 T	tert-Butylbenzene	50.000	54.107	-8.2	76	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.319	-8.6	78	0.00
85 T	sec-Butylbenzene	50.000	53.558	-7.1	77	0.00
86 T	p-Isopropyltoluene	50.000	55.791	-11.6	79	0.00
87 T	1,3-Dichlorobenzene	50.000	53.000	-6.0	80	0.00
88 T	1,4-Dichlorobenzene	50.000	51.061	-2.1	77	0.00
89 T	n-Butylbenzene	50.000	54.046	-8.1	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.239	-2.5	77	0.00
91 T	1,2-Dichlorobenzene	50.000	52.680	-5.4	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.271	-6.5	82	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.573	-13.1	84	0.00
94 T	Hexachlorobutadiene	50.000	55.784	-11.6	82	0.00
95 T	Naphthalene	50.000	52.462	-4.9	85	0.00
96 T	1,2,3-Trichlorobenzene	50.000	56.303	-12.6	83	0.00

(#) = Out of Range

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