

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD082520\
 Data File : VD066394.D
 Acq On : 25 Aug 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: Aug 26 08:09:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 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	82	0.00
2 T	Dichlorodifluoromethane	50.000	48.112	3.8	85	0.00
3 P	Chloromethane	50.000	47.935	4.1	85	0.00
4 C	Vinyl Chloride	50.000	49.325	1.3#	86	0.00
5 T	Bromomethane	50.000	52.649	-5.3	92	0.00
6 T	Chloroethane	50.000	51.147	-2.3	88	0.00
7 T	Trichlorofluoromethane	50.000	52.454	-4.9	90	0.00
8 T	Diethyl Ether	50.000	48.813	2.4	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.561	-3.1	89	0.00
10 T	Methyl Iodide	50.000	46.273	7.5	73	-0.01
11 T	Tert butyl alcohol	250.000	300.258	-20.1#	97	0.00
12 CM	1,1-Dichloroethene	50.000	49.990	0.0#	84	0.00
13 T	Acrolein	250.000	175.479	29.8#	59	0.00
14 T	Allyl chloride	50.000	48.730	2.5	81	0.00
15 T	Acrylonitrile	250.000	247.968	0.8	83	0.00
16 T	Acetone	250.000	257.058	-2.8	86	0.00
17 T	Carbon Disulfide	50.000	48.543	2.9	81	0.00
18 T	Methyl Acetate	50.000	48.436	3.1	82	0.01
19 T	Methyl tert-butyl Ether	50.000	52.890	-5.8	86	0.00
20 T	Methylene Chloride	50.000	48.695	2.6	80	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.800	-1.6	87	0.00
22 T	Diisopropyl ether	50.000	50.786	-1.6	82	0.00
23 T	Vinyl Acetate	250.000	260.455	-4.2	83	0.00
24 P	1,1-Dichloroethane	50.000	52.270	-4.5	89	0.00
25 T	2-Butanone	250.000	258.142	-3.3	86	0.00
26 T	2,2-Dichloropropane	50.000	52.388	-4.8	87	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.493	-3.0	86	0.00
28 T	Bromochloromethane	50.000	56.964	-13.9	92	0.00
29 T	Tetrahydrofuran	250.000	254.514	-1.8	83	0.00
30 C	Chloroform	50.000	52.679	-5.4#	87	0.00
31 T	Cyclohexane	50.000	46.181	7.6	83	0.00
32 T	1,1,1-Trichloroethane	50.000	52.997	-6.0	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	57.285	-14.6	94	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	53.731	-7.5	89	0.00
36 T	1,1-Dichloropropene	50.000	50.740	-1.5	86	0.00
37 T	Ethyl Acetate	50.000	50.174	-0.3	84	0.00
38 T	Carbon Tetrachloride	50.000	53.442	-6.9	90	0.00
39 T	Methylcyclohexane	50.000	51.154	-2.3	82	0.00
40 TM	Benzene	50.000	51.309	-2.6	85	0.00
41 T	Methacrylonitrile	50.000	58.341	-16.7	90	-0.02
42 TM	1,2-Dichloroethane	50.000	52.544	-5.1	87	0.00
43 T	Isopropyl Acetate	50.000	50.664	-1.3	83	0.00
44 TM	Trichloroethene	50.000	50.770	-1.5	86	0.00
45 C	1,2-Dichloropropane	50.000	50.551	-1.1#	84	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	53.146	-6.3	87	0.00
47 T	Bromodichloromethane	50.000	54.307	-8.6	90	0.00
48 T	Methyl methacrylate	50.000	48.471	3.1	83	0.00
49 T	1,4-Dioxane	1000.000	1012.779	-1.3	78	0.00
50 S	Toluene-d8	50.000	54.678	-9.4	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.387	-1.4	81	0.00
52 CM	Toluene	50.000	51.753	-3.5#	84	0.00
53 T	t-1,3-Dichloropropene	50.000	51.914	-3.8	85	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.237	-2.5	84	0.00
55 T	1,1,2-Trichloroethane	50.000	49.092	1.8	83	0.00
56 T	Ethyl methacrylate	50.000	53.143	-6.3	84	0.00
57 T	1,3-Dichloropropane	50.000	51.941	-3.9	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	264.770	-5.9	84	0.00
59 T	2-Hexanone	250.000	257.905	-3.2	80	0.00
60 T	Dibromochloromethane	50.000	51.189	-2.4	86	0.00
61 T	1,2-Dibromoethane	50.000	51.747	-3.5	88	0.00
62 S	4-Bromofluorobenzene	50.000	55.880	-11.8	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64 T	Tetrachloroethene	50.000	50.628	-1.3	83	0.00
65 PM	Chlorobenzene	50.000	52.888	-5.8	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.924	-5.8	87	0.00
67 C	Ethyl Benzene	50.000	53.166	-6.3#	85	0.00
68 T	m/p-Xylenes	100.000	106.389	-6.4	85	0.00
69 T	o-Xylene	50.000	53.328	-6.7	88	0.00
70 T	Styrene	50.000	53.730	-7.5	86	0.00
71 P	Bromoform	50.000	52.548	-5.1	86	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	53.026	-6.1	86	0.00
74 T	N-amyl acetate	50.000	50.093	-0.2	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.801	0.4	83	0.00
76 T	1,2,3-Trichloropropane	50.000	45.980	8.0	76	0.00
77 T	Bromobenzene	50.000	52.686	-5.4	86	0.00
78 T	n-propylbenzene	50.000	52.307	-4.6	86	0.00
79 T	2-Chlorotoluene	50.000	52.982	-6.0	88	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.623	-7.2	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.860	-3.7	83	0.00
82 T	4-Chlorotoluene	50.000	52.583	-5.2	86	0.00
83 T	tert-Butylbenzene	50.000	53.571	-7.1	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.607	-7.2	88	0.00
85 T	sec-Butylbenzene	50.000	52.776	-5.6	86	0.00
86 T	p-Isopropyltoluene	50.000	53.238	-6.5	86	0.00
87 T	1,3-Dichlorobenzene	50.000	51.537	-3.1	85	0.00
88 T	1,4-Dichlorobenzene	50.000	51.888	-3.8	87	0.00
89 T	n-Butylbenzene	50.000	52.700	-5.4	85	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.100	-0.2	84	0.00
91 T	1,2-Dichlorobenzene	50.000	52.473	-4.9	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.371	-8.7	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.210	-6.4	86	0.00
94 T	Hexachlorobutadiene	50.000	53.707	-7.4	87	0.00
95 T	Naphthalene	50.000	53.897	-7.8	85	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.265	-6.5	85	0.00

(#) = Out of Range

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