

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD081920\
 Data File : VD066349.D
 Acq On : 20 Aug 2020 07:15
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 20 08:30:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 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	50	0.00
2 T	Dichlorodifluoromethane	50.000	39.925	20.2#	46	0.00
3 P	Chloromethane	50.000	40.229	19.5	47	0.00
4 C	Vinyl Chloride	50.000	46.962	6.1#	52	0.01
5 T	Bromomethane	50.000	58.684	-17.4	62	0.01
6 T	Chloroethane	50.000	52.651	-5.3	58	0.00
7 T	Trichlorofluoromethane	50.000	50.472	-0.9	55	0.02
8 T	Diethyl Ether	50.000	46.200	7.6	48	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.780	8.4	49	0.00
10 T	Methyl Iodide	50.000	57.509	-15.0	70	0.01
11 T	Tert butyl alcohol	250.000	226.464	9.4	49	-0.02
12 CM	1,1-Dichloroethene	50.000	45.727	8.5#	49	0.01
13 T	Acrolein	250.000	165.802	33.7#	37	0.01
14 T	Allyl chloride	50.000	42.503	15.0	44	0.01
15 T	Acrylonitrile	250.000	240.140	3.9	50	0.00
16 T	Acetone	250.000	213.383	14.6	43	0.00
17 T	Carbon Disulfide	50.000	39.499	21.0#	42	0.01
18 T	Methyl Acetate	50.000	47.334	5.3	53	0.00
19 T	Methyl tert-butyl Ether	50.000	51.514	-3.0	54	0.01
20 T	Methylene Chloride	50.000	58.861	-17.7	58	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.622	4.8	51	0.01
22 T	Diisopropyl ether	50.000	44.721	10.6	46	0.00
23 T	Vinyl Acetate	250.000	228.261	8.7	46	0.00
24 P	1,1-Dichloroethane	50.000	49.551	0.9	52	0.00
25 T	2-Butanone	250.000	207.408	17.0	44	0.00
26 T	2,2-Dichloropropane	50.000	49.543	0.9	53	0.01
27 T	cis-1,2-Dichloroethene	50.000	52.506	-5.0	55	0.00
28 T	Bromochloromethane	50.000	50.091	-0.2	51	0.00
29 T	Tetrahydrofuran	250.000	209.233	16.3	43	0.00
30 C	Chloroform	50.000	55.996	-12.0#	59	0.00
31 T	Cyclohexane	50.000	38.502	23.0#	43	0.00
32 T	1,1,1-Trichloroethane	50.000	56.125	-12.3	59	0.00
33 S	1,2-Dichloroethane-d4	50.000	57.263	-14.5	57	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	53	0.00
35 S	Dibromofluoromethane	50.000	51.565	-3.1	53	0.00
36 T	1,1-Dichloropropene	50.000	46.861	6.3	50	0.00
37 T	Ethyl Acetate	50.000	43.441	13.1	49	0.00
38 T	Carbon Tetrachloride	50.000	54.020	-8.0	60	0.00
39 T	Methylcyclohexane	50.000	41.570	16.9	45	0.00
40 TM	Benzene	50.000	47.785	4.4	52	0.00
41 T	Methacrylonitrile	50.000	50.631	-1.3	56	0.00
42 TM	1,2-Dichloroethane	50.000	56.803	-13.6	62	0.00
43 T	Isopropyl Acetate	50.000	45.194	9.6	50	0.00
44 TM	Trichloroethene	50.000	49.031	1.9	54	0.00
45 C	1,2-Dichloropropane	50.000	45.221	9.6#	50	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	49.772	0.5	53	0.00
47 T	Bromodichloromethane	50.000	54.364	-8.7	59	0.00
48 T	Methyl methacrylate	50.000	42.068	15.9	43	0.00
49 T	1,4-Dioxane	1000.000	812.551	18.7	43	0.00
50 S	Toluene-d8	50.000	49.891	0.2	50	0.00
51 T	4-Methyl-2-Pentanone	250.000	220.483	11.8	47	0.00
52 CM	Toluene	50.000	48.819	2.4#	52	0.00
53 T	t-1,3-Dichloropropene	50.000	50.645	-1.3	54	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.181	1.6	53	0.00
55 T	1,1,2-Trichloroethane	50.000	48.033	3.9	53	0.00
56 T	Ethyl methacrylate	50.000	47.834	4.3	50	0.00
57 T	1,3-Dichloropropane	50.000	48.034	3.9	52	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.513	1.4	51	0.00
59 T	2-Hexanone	250.000	218.306	12.7	46	0.00
60 T	Dibromochloromethane	50.000	51.073	-2.1	55	0.00
61 T	1,2-Dibromoethane	50.000	50.596	-1.2	54	0.00
62 S	4-Bromofluorobenzene	50.000	48.573	2.9	50	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	52	0.00
64 T	Tetrachloroethene	50.000	49.574	0.9	54	0.00
65 PM	Chlorobenzene	50.000	50.404	-0.8	54	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.606	-5.2	57	0.00
67 C	Ethyl Benzene	50.000	51.555	-3.1#	55	0.00
68 T	m/p-Xylenes	100.000	99.146	0.9	52	0.00
69 T	o-Xylene	50.000	51.369	-2.7	54	0.00
70 T	Styrene	50.000	51.581	-3.2	54	0.00
71 P	Bromoform	50.000	51.363	-2.7	56	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	50	0.00
73 T	Isopropylbenzene	50.000	54.553	-9.1	55	0.00
74 T	N-amyl acetate	50.000	45.248	9.5	45	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.562	4.9	50	0.00
76 T	1,2,3-Trichloropropane	50.000	43.981	12.0	47	0.00
77 T	Bromobenzene	50.000	51.867	-3.7	53	0.00
78 T	n-propylbenzene	50.000	52.596	-5.2	53	0.00
79 T	2-Chlorotoluene	50.000	54.098	-8.2	55	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.219	-10.4	55	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.288	11.4	45	0.00
82 T	4-Chlorotoluene	50.000	53.863	-7.7	54	0.00
83 T	tert-Butylbenzene	50.000	54.805	-9.6	54	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.181	-10.4	55	0.00
85 T	sec-Butylbenzene	50.000	52.862	-5.7	53	0.00
86 T	p-Isopropyltoluene	50.000	53.449	-6.9	54	0.00
87 T	1,3-Dichlorobenzene	50.000	52.270	-4.5	54	0.00
88 T	1,4-Dichlorobenzene	50.000	51.507	-3.0	53	0.00
89 T	n-Butylbenzene	50.000	51.441	-2.9	51	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.895	-7.8	56	0.00
91 T	1,2-Dichlorobenzene	50.000	51.511	-3.0	53	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.417	-8.8	59	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.744	-1.5	51	0.00
94 T	Hexachlorobutadiene	50.000	52.647	-5.3	54	0.00
95 T	Naphthalene	50.000	54.071	-8.1	53	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.388	-2.8	52	0.00

(#) = Out of Range

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