

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD012120\
 Data File : VD064913.D
 Acq On : 21 Jan 2020 17:06
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 22 07:13:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 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	83	0.00
2 T	Dichlorodifluoromethane	50.000	42.555	14.9	69	0.00
3 P	Chloromethane	50.000	43.415	13.2	72	0.00
4 C	Vinyl Chloride	50.000	44.706	10.6#	75	0.00
5 T	Bromomethane	50.000	41.776	16.4	72	0.00
6 T	Chloroethane	50.000	45.538	8.9	73	0.00
7 T	Trichlorofluoromethane	50.000	45.324	9.4	75	0.00
8 T	Diethyl Ether	50.000	45.776	8.4	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.235	-4.5	85	0.00
10 T	Methyl Iodide	50.000	47.375	5.3	70	0.00
11 T	Tert butyl alcohol	250.000	224.224	10.3	68	0.00
12 CM	1,1-Dichloroethene	50.000	47.463	5.1#	78	0.00
13 T	Acrolein	250.000	91.948	63.2#	29	0.00
14 T	Allyl chloride	50.000	50.004	-0.0	82	0.00
15 T	Acrylonitrile	250.000	217.703	12.9	70	0.00
16 T	Acetone	250.000	230.266	7.9	78	0.00
17 T	Carbon Disulfide	50.000	41.190	17.6	68	0.00
18 T	Methyl Acetate	50.000	41.522	17.0	69	0.00
19 T	Methyl tert-butyl Ether	50.000	47.121	5.8	75	0.00
20 T	Methylene Chloride	50.000	57.618	-15.2	88	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.244	1.5	82	0.00
22 T	Diisopropyl ether	50.000	52.190	-4.4	84	0.00
23 T	Vinyl Acetate	250.000	237.773	4.9	74	0.00
24 P	1,1-Dichloroethane	50.000	53.289	-6.6	87	0.00
25 T	2-Butanone	250.000	225.423	9.8	72	0.00
26 T	2,2-Dichloropropane	50.000	53.764	-7.5	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.587	0.8	81	0.00
28 T	Bromochloromethane	50.000	51.448	-2.9	78	0.00
29 T	Tetrahydrofuran	250.000	218.350	12.7	69	0.00
30 C	Chloroform	50.000	53.108	-6.2#	87	0.00
31 T	Cyclohexane	50.000	47.577	4.8	82	0.00
32 T	1,1,1-Trichloroethane	50.000	53.429	-6.9	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.128	-0.3	81	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35 S	Dibromofluoromethane	50.000	52.297	-4.6	82	0.00
36 T	1,1-Dichloropropene	50.000	51.676	-3.4	84	0.00
37 T	Ethyl Acetate	50.000	44.089	11.8	69	0.00
38 T	Carbon Tetrachloride	50.000	53.340	-6.7	85	0.00
39 T	Methylcyclohexane	50.000	49.562	0.9	79	0.00
40 TM	Benzene	50.000	51.379	-2.8	84	0.00
41 T	Methacrylonitrile	50.000	51.013	-2.0	76	-0.01
42 TM	1,2-Dichloroethane	50.000	49.791	0.4	81	0.00
43 T	Isopropyl Acetate	50.000	44.711	10.6	71	0.00
44 TM	Trichloroethene	50.000	49.959	0.1	82	0.00
45 C	1,2-Dichloropropane	50.000	51.639	-3.3#	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	47.562	4.9	76	0.00
47 T	Bromodichloromethane	50.000	51.800	-3.6	83	0.00
48 T	Methyl methacrylate	50.000	45.917	8.2	70	0.00
49 T	1,4-Dioxane	1000.000	824.290	17.6	67	0.00
50 S	Toluene-d8	50.000	52.120	-4.2	83	0.00
51 T	4-Methyl-2-Pentanone	250.000	224.883	10.0	72	0.00
52 CM	Toluene	50.000	50.580	-1.2#	82	0.00
53 T	t-1,3-Dichloropropene	50.000	49.280	1.4	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.339	-2.7	81	0.00
55 T	1,1,2-Trichloroethane	50.000	47.965	4.1	78	0.00
56 T	Ethyl methacrylate	50.000	46.340	7.3	73	0.00
57 T	1,3-Dichloropropane	50.000	48.475	3.0	78	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	226.070	9.6	77	0.00
59 T	2-Hexanone	250.000	226.298	9.5	70	0.00
60 T	Dibromochloromethane	50.000	48.997	2.0	79	0.00
61 T	1,2-Dibromoethane	50.000	46.064	7.9	74	0.00
62 S	4-Bromofluorobenzene	50.000	52.603	-5.2	82	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	47.089	5.8	80	0.00
65 PM	Chlorobenzene	50.000	49.497	1.0	82	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.058	-0.1	84	0.00
67 C	Ethyl Benzene	50.000	51.326	-2.7#	85	0.00
68 T	m/p-Xylenes	100.000	101.466	-1.5	83	0.00
69 T	o-Xylene	50.000	51.386	-2.8	85	0.00
70 T	Styrene	50.000	50.616	-1.2	84	0.00
71 P	Bromoform	50.000	44.941	10.1	74	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	51.517	-3.0	85	0.00
74 T	N-amyl acetate	50.000	43.966	12.1	71	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.300	9.4	76	0.00
76 T	1,2,3-Trichloropropane	50.000	51.076	-2.2	99	0.00
77 T	Bromobenzene	50.000	48.187	3.6	80	0.00
78 T	n-propylbenzene	50.000	52.230	-4.5	87	0.00
79 T	2-Chlorotoluene	50.000	50.959	-1.9	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.203	-2.4	84	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.341	13.3	72	0.00
82 T	4-Chlorotoluene	50.000	50.045	-0.1	84	0.00
83 T	tert-Butylbenzene	50.000	53.232	-6.5	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.601	-3.2	85	0.00
85 T	sec-Butylbenzene	50.000	53.402	-6.8	88	0.00
86 T	p-Isopropyltoluene	50.000	52.434	-4.9	86	0.00
87 T	1,3-Dichlorobenzene	50.000	49.691	0.6	84	0.00
88 T	1,4-Dichlorobenzene	50.000	49.765	0.5	83	0.00
89 T	n-Butylbenzene	50.000	53.507	-7.0	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.311	-2.6	85	0.00
91 T	1,2-Dichlorobenzene	50.000	48.937	2.1	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.110	9.8	77	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.957	4.1	79	0.00
94 T	Hexachlorobutadiene	50.000	49.106	1.8	82	0.00
95 T	Naphthalene	50.000	44.351	11.3	71	0.00
96 T	1,2,3-Trichlorobenzene	50.000	46.880	6.2	77	0.00

(#) = Out of Range

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