

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD030320\
 Data File : VD065402.D
 Acq On : 03 Mar 2020 18:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 04 05:57:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 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	83	0.00
2 T	Dichlorodifluoromethane	50.000	46.716	6.6	78	0.00
3 P	Chloromethane	50.000	43.408	13.2	78	0.00
4 C	Vinyl Chloride	50.000	43.601	12.8#	76	0.00
5 T	Bromomethane	50.000	46.144	7.7	87	0.00
6 T	Chloroethane	50.000	44.653	10.7	78	0.00
7 T	Trichlorofluoromethane	50.000	47.490	5.0	84	0.00
8 T	Diethyl Ether	50.000	49.946	0.1	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.440	3.1	87	0.00
10 T	Methyl Iodide	50.000	51.794	-3.6	80	0.00
11 T	Tert butyl alcohol	250.000	236.341	5.5	85	-0.01
12 CM	1,1-Dichloroethene	50.000	47.255	5.5#	82	0.00
13 T	Acrolein	250.000	226.404	9.4	86	0.00
14 T	Allyl chloride	50.000	48.036	3.9	83	0.00
15 T	Acrylonitrile	250.000	256.924	-2.8	88	0.00
16 T	Acetone	250.000	197.198	21.1#	62	0.00
17 T	Carbon Disulfide	50.000	44.153	11.7	78	0.00
18 T	Methyl Acetate	50.000	50.763	-1.5	90	0.00
19 T	Methyl tert-butyl Ether	50.000	52.422	-4.8	87	0.00
20 T	Methylene Chloride	50.000	55.201	-10.4	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.287	1.4	86	0.00
22 T	Diisopropyl ether	50.000	52.053	-4.1	87	0.00
23 T	Vinyl Acetate	250.000	265.051	-6.0	84	0.00
24 P	1,1-Dichloroethane	50.000	49.224	1.6	87	0.00
25 T	2-Butanone	250.000	233.262	6.7	75	0.00
26 T	2,2-Dichloropropane	50.000	47.156	5.7	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.991	-2.0	89	0.00
28 T	Bromochloromethane	50.000	51.060	-2.1	94	0.00
29 T	Tetrahydrofuran	250.000	261.878	-4.8	85	0.00
30 C	Chloroform	50.000	50.270	-0.5#	89	0.00
31 T	Cyclohexane	50.000	44.604	10.8	80	0.00
32 T	1,1,1-Trichloroethane	50.000	48.661	2.7	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.042	-0.1	84	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35 S	Dibromofluoromethane	50.000	52.240	-4.5	88	0.00
36 T	1,1-Dichloropropene	50.000	48.423	3.2	85	0.00
37 T	Ethyl Acetate	50.000	49.786	0.4	88	0.00
38 T	Carbon Tetrachloride	50.000	49.209	1.6	87	0.00
39 T	Methylcyclohexane	50.000	49.354	1.3	83	0.00
40 TM	Benzene	50.000	50.154	-0.3	87	0.00
41 T	Methacrylonitrile	50.000	46.824	6.4	84	0.00
42 TM	1,2-Dichloroethane	50.000	49.512	1.0	86	0.00
43 T	Isopropyl Acetate	50.000	51.179	-2.4	85	0.00
44 TM	Trichloroethene	50.000	50.658	-1.3	89	0.00
45 C	1,2-Dichloropropane	50.000	51.491	-3.0#	89	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	52.595	-5.2	90	0.00
47 T	Bromodichloromethane	50.000	51.234	-2.5	90	0.00
48 T	Methyl methacrylate	50.000	50.419	-0.8	81	0.00
49 T	1,4-Dioxane	1000.000	1027.178	-2.7	86	0.00
50 S	Toluene-d8	50.000	52.266	-4.5	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	262.428	-5.0	86	0.00
52 CM	Toluene	50.000	52.262	-4.5#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	52.259	-4.5	88	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.844	-5.7	89	0.00
55 T	1,1,2-Trichloroethane	50.000	53.429	-6.9	92	0.00
56 T	Ethyl methacrylate	50.000	55.197	-10.4	88	0.00
57 T	1,3-Dichloropropane	50.000	52.760	-5.5	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	229.926	8.0	85	0.00
59 T	2-Hexanone	250.000	251.209	-0.5	77	0.00
60 T	Dibromochloromethane	50.000	53.040	-6.1	91	0.00
61 T	1,2-Dibromoethane	50.000	53.240	-6.5	90	0.00
62 S	4-Bromofluorobenzene	50.000	53.060	-6.1	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	50.210	-0.4	91	0.00
65 PM	Chlorobenzene	50.000	50.606	-1.2	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.839	-1.7	92	0.00
67 C	Ethyl Benzene	50.000	50.355	-0.7#	88	0.00
68 T	m/p-Xylenes	100.000	102.721	-2.7	89	0.00
69 T	o-Xylene	50.000	52.108	-4.2	89	0.00
70 T	Styrene	50.000	53.299	-6.6	91	0.00
71 P	Bromoform	50.000	51.646	-3.3	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	51.198	-2.4	90	0.00
74 T	N-amyl acetate	50.000	50.309	-0.6	85	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.095	-0.2	92	0.00
76 T	1,2,3-Trichloropropane	50.000	48.303	3.4	94	0.00
77 T	Bromobenzene	50.000	51.758	-3.5	93	0.00
78 T	n-propylbenzene	50.000	50.878	-1.8	89	0.00
79 T	2-Chlorotoluene	50.000	50.493	-1.0	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.490	-3.0	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.579	2.8	86	0.00
82 T	4-Chlorotoluene	50.000	50.398	-0.8	91	0.00
83 T	tert-Butylbenzene	50.000	51.267	-2.5	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.747	-3.5	91	0.00
85 T	sec-Butylbenzene	50.000	50.815	-1.6	91	0.00
86 T	p-Isopropyltoluene	50.000	50.876	-1.8	89	0.00
87 T	1,3-Dichlorobenzene	50.000	50.257	-0.5	92	0.00
88 T	1,4-Dichlorobenzene	50.000	49.848	0.3	92	0.00
89 T	n-Butylbenzene	50.000	51.231	-2.5	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.426	1.1	92	0.00
91 T	1,2-Dichlorobenzene	50.000	50.639	-1.3	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.506	3.0	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.951	-5.9	93	0.00
94 T	Hexachlorobutadiene	50.000	50.095	-0.2	95	0.00
95 T	Naphthalene	50.000	55.276	-10.6	93	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.621	-7.2	96	0.00

(#) = Out of Range

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