

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD091020\
 Data File : VD066628.D
 Acq On : 10 Sep 2020 22:33
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 11 03:09:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 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	84	0.00
2 T	Dichlorodifluoromethane	50.000	52.354	-4.7	89	0.00
3 P	Chloromethane	50.000	47.939	4.1	90	0.00
4 C	Vinyl Chloride	50.000	47.101	5.8#	85	0.00
5 T	Bromomethane	50.000	53.015	-6.0	85	0.00
6 T	Chloroethane	50.000	48.044	3.9	86	0.00
7 T	Trichlorofluoromethane	50.000	49.671	0.7	90	0.00
8 T	Diethyl Ether	50.000	57.897	-15.8	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.630	0.7	90	0.00
10 T	Methyl Iodide	50.000	54.263	-8.5	100	0.00
11 T	Tert butyl alcohol	250.000	277.977	-11.2	100	0.00
12 CM	1,1-Dichloroethene	50.000	52.412	-4.8#	94	0.00
13 T	Acrolein	250.000	274.905	-10.0	107	0.00
14 T	Allyl chloride	50.000	54.789	-9.6	96	0.00
15 T	Acrylonitrile	250.000	308.279	-23.3#	108	0.00
16 T	Acetone	250.000	242.840	2.9	88	0.00
17 T	Carbon Disulfide	50.000	50.281	-0.6	90	0.00
18 T	Methyl Acetate	50.000	57.302	-14.6	106	0.00
19 T	Methyl tert-butyl Ether	50.000	59.654	-19.3	102	0.00
20 T	Methylene Chloride	50.000	59.923	-19.8	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.558	-9.1	95	0.00
22 T	Diisopropyl ether	50.000	58.692	-17.4	99	0.00
23 T	Vinyl Acetate	250.000	302.296	-20.9#	99	0.00
24 P	1,1-Dichloroethane	50.000	55.402	-10.8	98	0.00
25 T	2-Butanone	250.000	285.686	-14.3	103	0.00
26 T	2,2-Dichloropropane	50.000	48.343	3.3	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.347	-12.7	99	0.00
28 T	Bromochloromethane	50.000	56.946	-13.9	96	0.00
29 T	Tetrahydrofuran	250.000	309.224	-23.7#	106	0.00
30 C	Chloroform	50.000	56.290	-12.6#	100	0.00
31 T	Cyclohexane	50.000	49.341	1.3	89	0.00
32 T	1,1,1-Trichloroethane	50.000	53.051	-6.1	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	58.075	-16.2	104	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	55.822	-11.6	105	0.00
36 T	1,1-Dichloropropene	50.000	52.439	-4.9	95	0.00
37 T	Ethyl Acetate	50.000	55.508	-11.0	99	0.00
38 T	Carbon Tetrachloride	50.000	51.928	-3.9	94	0.00
39 T	Methylcyclohexane	50.000	51.217	-2.4	88	0.00
40 TM	Benzene	50.000	53.673	-7.3	98	0.00
41 T	Methacrylonitrile	50.000	55.247	-10.5	88	0.00
42 TM	1,2-Dichloroethane	50.000	52.779	-5.6	99	0.00
43 T	Isopropyl Acetate	50.000	56.462	-12.9	102	0.00
44 TM	Trichloroethene	50.000	52.778	-5.6	96	0.00
45 C	1,2-Dichloropropane	50.000	54.203	-8.4#	100	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	54.656	-9.3	103	0.00
47 T	Bromodichloromethane	50.000	54.430	-8.9	100	0.00
48 T	Methyl methacrylate	50.000	55.610	-11.2	99	0.00
49 T	1,4-Dioxane	1000.000	1132.597	-13.3	100	0.00
50 S	Toluene-d8	50.000	56.475	-13.0	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	298.029	-19.2	107	0.00
52 CM	Toluene	50.000	54.245	-8.5#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	55.764	-11.5	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.328	-8.7	99	0.00
55 T	1,1,2-Trichloroethane	50.000	56.168	-12.3	105	0.00
56 T	Ethyl methacrylate	50.000	59.783	-19.6	103	0.00
57 T	1,3-Dichloropropane	50.000	55.858	-11.7	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	262.293	-4.9	96	0.00
59 T	2-Hexanone	250.000	301.375	-20.5#	105	0.00
60 T	Dibromochloromethane	50.000	55.294	-10.6	102	0.00
61 T	1,2-Dibromoethane	50.000	55.650	-11.3	101	0.00
62 S	4-Bromofluorobenzene	50.000	56.319	-12.6	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	50.989	-2.0	97	0.00
65 PM	Chlorobenzene	50.000	52.410	-4.8	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.867	-7.7	100	0.00
67 C	Ethyl Benzene	50.000	53.135	-6.3#	96	0.00
68 T	m/p-Xylenes	100.000	108.648	-8.6	96	0.00
69 T	o-Xylene	50.000	54.614	-9.2	96	0.00
70 T	Styrene	50.000	55.839	-11.7	99	0.00
71 P	Bromoform	50.000	55.547	-11.1	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	56.386	-12.8	96	0.00
74 T	N-amyl acetate	50.000	58.994	-18.0	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.414	-14.8	102	0.00
76 T	1,2,3-Trichloropropane	50.000	58.607	-17.2	98	0.00
77 T	Bromobenzene	50.000	55.854	-11.7	99	0.00
78 T	n-propylbenzene	50.000	55.827	-11.7	94	0.00
79 T	2-Chlorotoluene	50.000	55.883	-11.8	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.877	-13.8	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.865	-11.7	103	0.00
82 T	4-Chlorotoluene	50.000	56.339	-12.7	98	0.00
83 T	tert-Butylbenzene	50.000	56.823	-13.6	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.128	-14.3	98	0.00
85 T	sec-Butylbenzene	50.000	55.679	-11.4	94	0.00
86 T	p-Isopropyltoluene	50.000	56.406	-12.8	94	0.00
87 T	1,3-Dichlorobenzene	50.000	54.236	-8.5	98	0.00
88 T	1,4-Dichlorobenzene	50.000	52.941	-5.9	95	0.00
89 T	n-Butylbenzene	50.000	55.006	-10.0	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.367	-6.7	94	0.00
91 T	1,2-Dichlorobenzene	50.000	54.563	-9.1	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.102	-14.2	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.899	-11.8	97	0.00
94 T	Hexachlorobutadiene	50.000	51.970	-3.9	90	0.00
95 T	Naphthalene	50.000	63.195	-26.4#	105	0.00
96 T	1,2,3-Trichlorobenzene	50.000	58.427	-16.9	100	0.00

(#) = Out of Range

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