

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010320\
 Data File : VD064749.D
 Acq On : 03 Jan 2020 23:13
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 06 07:48:39 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	46.291	7.4	79	0.00
3 P	Chloromethane	50.000	51.461	-2.9	89	0.00
4 C	Vinyl Chloride	50.000	50.751	-1.5#	89	0.00
5 T	Bromomethane	50.000	50.139	-0.3	90	0.00
6 T	Chloroethane	50.000	53.364	-6.7	90	0.00
7 T	Trichlorofluoromethane	50.000	50.201	-0.4	86	0.00
8 T	Diethyl Ether	50.000	54.567	-9.1	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.278	-0.6	85	0.00
10 T	Methyl Iodide	50.000	55.843	-11.7	86	0.00
11 T	Tert butyl alcohol	250.000	325.185	-30.1#	103	0.00
12 CM	1,1-Dichloroethene	50.000	50.859	-1.7#	87	0.00
13 T	Acrolein	250.000	298.592	-19.4	99	0.00
14 T	Allyl chloride	50.000	53.156	-6.3	90	0.00
15 T	Acrylonitrile	250.000	290.367	-16.1	97	0.00
16 T	Acetone	250.000	270.714	-8.3	93	0.00
17 T	Carbon Disulfide	50.000	48.003	4.0	83	0.00
18 T	Methyl Acetate	50.000	57.013	-14.0	98	0.00
19 T	Methyl tert-butyl Ether	50.000	57.398	-14.8	95	0.00
20 T	Methylene Chloride	50.000	59.509	-19.0	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.358	-4.7	90	-0.01
22 T	Diisopropyl ether	50.000	57.746	-15.5	97	0.00
23 T	Vinyl Acetate	250.000	289.867	-15.9	93	0.00
24 P	1,1-Dichloroethane	50.000	55.729	-11.5	95	0.00
25 T	2-Butanone	250.000	292.273	-16.9	97	0.00
26 T	2,2-Dichloropropane	50.000	49.086	1.8	84	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.411	-10.8	94	0.00
28 T	Bromochloromethane	50.000	57.290	-14.6	90	0.00
29 T	Tetrahydrofuran	250.000	298.558	-19.4	99	0.00
30 C	Chloroform	50.000	56.754	-13.5#	97	0.00
31 T	Cyclohexane	50.000	47.068	5.9	84	0.00
32 T	1,1,1-Trichloroethane	50.000	53.827	-7.7	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.500	-5.0	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	50.469	-0.9	85	0.00
36 T	1,1-Dichloropropene	50.000	51.797	-3.6	91	0.00
37 T	Ethyl Acetate	50.000	56.385	-12.8	95	0.00
38 T	Carbon Tetrachloride	50.000	52.452	-4.9	90	0.00
39 T	Methylcyclohexane	50.000	48.518	3.0	83	0.00
40 TM	Benzene	50.000	53.715	-7.4	94	0.00
41 T	Methacrylonitrile	50.000	47.127	5.7	75	0.00
42 TM	1,2-Dichloroethane	50.000	55.658	-11.3	97	0.00
43 T	Isopropyl Acetate	50.000	55.795	-11.6	95	0.00
44 TM	Trichloroethene	50.000	51.886	-3.8	91	0.00
45 C	1,2-Dichloropropane	50.000	55.979	-12.0#	98	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	56.450	-12.9	97	0.00
47 T	Bromodichloromethane	50.000	55.981	-12.0	97	0.00
48 T	Methyl methacrylate	50.000	55.712	-11.4	91	0.00
49 T	1,4-Dioxane	1000.000	1135.851	-13.6	100	0.00
50 S	Toluene-d8	50.000	49.558	0.9	85	0.00
51 T	4-Methyl-2-Pentanone	250.000	286.098	-14.4	98	0.00
52 CM	Toluene	50.000	54.093	-8.2#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	55.515	-11.0	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.446	-10.9	95	0.00
55 T	1,1,2-Trichloroethane	50.000	56.518	-13.0	99	0.00
56 T	Ethyl methacrylate	50.000	56.806	-13.6	96	0.00
57 T	1,3-Dichloropropane	50.000	55.197	-10.4	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	254.338	-1.7	93	0.00
59 T	2-Hexanone	250.000	291.706	-16.7	97	0.00
60 T	Dibromochloromethane	50.000	55.996	-12.0	97	0.00
61 T	1,2-Dibromoethane	50.000	56.165	-12.3	97	0.00
62 S	4-Bromofluorobenzene	50.000	50.624	-1.2	85	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	55.165	-10.3	99	0.00
65 PM	Chlorobenzene	50.000	52.965	-5.9	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.019	-12.0	99	0.00
67 C	Ethyl Benzene	50.000	52.626	-5.3#	93	0.00
68 T	m/p-Xylenes	100.000	105.731	-5.7	92	0.00
69 T	o-Xylene	50.000	53.925	-7.8	94	0.00
70 T	Styrene	50.000	54.504	-9.0	95	0.00
71 P	Bromoform	50.000	55.180	-10.4	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73 T	Isopropylbenzene	50.000	52.842	-5.7	91	0.00
74 T	N-amyl acetate	50.000	56.323	-12.6	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.599	-13.2	99	0.00
76 T	1,2,3-Trichloropropane	50.000	52.518	-5.0	107	0.00
77 T	Bromobenzene	50.000	53.495	-7.0	93	0.00
78 T	n-propylbenzene	50.000	52.925	-5.8	92	0.00
79 T	2-Chlorotoluene	50.000	53.138	-6.3	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.097	-8.2	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.030	-10.1	96	0.00
82 T	4-Chlorotoluene	50.000	53.328	-6.7	94	0.00
83 T	tert-Butylbenzene	50.000	52.620	-5.2	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.657	-7.3	93	0.00
85 T	sec-Butylbenzene	50.000	52.757	-5.5	91	0.00
86 T	p-Isopropyltoluene	50.000	52.786	-5.6	90	0.00
87 T	1,3-Dichlorobenzene	50.000	53.823	-7.6	95	0.00
88 T	1,4-Dichlorobenzene	50.000	54.244	-8.5	94	0.00
89 T	n-Butylbenzene	50.000	52.840	-5.7	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.162	-4.3	91	0.00
91 T	1,2-Dichlorobenzene	50.000	53.762	-7.5	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.262	-10.5	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.623	-5.2	91	0.00
94 T	Hexachlorobutadiene	50.000	49.736	0.5	87	0.00
95 T	Naphthalene	50.000	55.922	-11.8	94	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.396	-6.8	92	0.00

(#) = Out of Range

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