

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv012420\
 Data File : VY001397.D
 Acq On : 24 Jan 2020 20:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 25 05:04:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	104	0.00
2 T	Dichlorodifluoromethane	50.000	54.918	-9.8	114	0.00
3 P	Chloromethane	50.000	55.416	-10.8	120	0.00
4 C	Vinyl Chloride	50.000	54.622	-9.2#	115	0.00
5 T	Bromomethane	50.000	52.248	-4.5	115	0.00
6 T	Chloroethane	50.000	54.437	-8.9	115	0.00
7 T	Trichlorofluoromethane	50.000	54.498	-9.0	115	0.00
8 T	Diethyl Ether	50.000	54.949	-9.9	118	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	56.589	-13.2	118	0.00
10 T	Methyl Iodide	50.000	57.220	-14.4	113	0.00
11 T	Tert butyl alcohol	250.000	234.089	6.4	103	0.00
12 CM	1,1-Dichloroethene	50.000	53.471	-6.9#	114	0.00
13 T	Acrolein	250.000	290.097	-16.0	132	0.00
14 T	Allyl chloride	50.000	57.129	-14.3	121	0.00
15 T	Acrylonitrile	250.000	282.943	-13.2	121	0.00
16 T	Acetone	250.000	257.675	-3.1	104	0.00
17 T	Carbon Disulfide	50.000	52.785	-5.6	113	0.00
18 T	Methyl Acetate	50.000	55.003	-10.0	123	0.00
19 T	Methyl tert-butyl Ether	50.000	56.732	-13.5	121	0.00
20 T	Methylene Chloride	50.000	50.921	-1.8	109	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.014	-8.0	115	0.00
22 T	Diisopropyl ether	50.000	57.812	-15.6	124	0.00
23 T	Vinyl Acetate	250.000	285.564	-14.2	121	0.00
24 P	1,1-Dichloroethane	50.000	56.944	-13.9	121	0.00
25 T	2-Butanone	250.000	264.333	-5.7	114	0.00
26 T	2,2-Dichloropropane	50.000	52.346	-4.7	114	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.320	-12.6	120	0.00
28 T	Bromochloromethane	50.000	60.534	-21.1	123	0.00
29 T	Tetrahydrofuran	250.000	284.546	-13.8	122	0.00
30 C	Chloroform	50.000	56.744	-13.5#	123	0.00
31 T	Cyclohexane	50.000	53.040	-6.1	117	0.00
32 T	1,1,1-Trichloroethane	50.000	56.347	-12.7	119	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.542	-7.1	109	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35 S	Dibromofluoromethane	50.000	50.285	-0.6	108	0.00
36 T	1,1-Dichloropropene	50.000	54.148	-8.3	118	0.00
37 T	Ethyl Acetate	50.000	56.349	-12.7	123	0.00
38 T	Carbon Tetrachloride	50.000	54.186	-8.4	117	0.00
39 T	Methylcyclohexane	50.000	54.661	-9.3	118	0.00
40 TM	Benzene	50.000	54.957	-9.9	120	0.00
41 T	Methacrylonitrile	50.000	53.865	-7.7	123	0.00
42 TM	1,2-Dichloroethane	50.000	55.429	-10.9	120	0.00
43 T	Isopropyl Acetate	50.000	56.080	-12.2	120	0.00
44 TM	Trichloroethene	50.000	53.687	-7.4	118	0.00
45 C	1,2-Dichloropropane	50.000	56.390	-12.8#	122	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	54.120	-8.2	118	0.00
47 T	Bromodichloromethane	50.000	55.927	-11.9	122	0.00
48 T	Methyl methacrylate	50.000	55.224	-10.4	120	0.00
49 T	1,4-Dioxane	1000.000	1063.054	-6.3	117	0.00
50 S	Toluene-d8	50.000	52.876	-5.8	108	0.00
51 T	4-Methyl-2-Pentanone	250.000	279.100	-11.6	121	0.00
52 CM	Toluene	50.000	55.251	-10.5#	120	0.00
53 T	t-1,3-Dichloropropene	50.000	56.313	-12.6	120	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.980	-12.0	121	0.00
55 T	1,1,2-Trichloroethane	50.000	55.386	-10.8	119	0.00
56 T	Ethyl methacrylate	50.000	56.595	-13.2	121	0.00
57 T	1,3-Dichloropropane	50.000	55.744	-11.5	120	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	241.001	3.6	121	0.00
59 T	2-Hexanone	250.000	284.221	-13.7	120	0.00
60 T	Dibromochloromethane	50.000	55.033	-10.1	119	0.00
61 T	1,2-Dibromoethane	50.000	56.010	-12.0	119	0.00
62 S	4-Bromofluorobenzene	50.000	50.527	-1.1	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	54.319	-8.6	121	0.00
65 PM	Chlorobenzene	50.000	53.983	-8.0	119	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.192	-10.4	120	0.00
67 C	Ethyl Benzene	50.000	54.391	-8.8#	119	0.00
68 T	m/p-Xylenes	100.000	108.304	-8.3	118	0.00
69 T	o-Xylene	50.000	54.126	-8.3	118	0.00
70 T	Styrene	50.000	55.156	-10.3	120	0.00
71 P	Bromoform	50.000	53.917	-7.8	117	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73 T	Isopropylbenzene	50.000	54.603	-9.2	119	0.00
74 T	N-amyl acetate	50.000	56.042	-12.1	120	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.173	-10.3	118	0.00
76 T	1,2,3-Trichloropropane	50.000	56.561	-13.1	122	0.00
77 T	Bromobenzene	50.000	53.887	-7.8	117	0.00
78 T	n-propylbenzene	50.000	55.181	-10.4	119	0.00
79 T	2-Chlorotoluene	50.000	55.577	-11.2	121	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.290	-10.6	120	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.171	-12.3	122	0.00
82 T	4-Chlorotoluene	50.000	54.760	-9.5	119	0.00
83 T	tert-Butylbenzene	50.000	55.216	-10.4	119	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.613	-9.2	120	0.00
85 T	sec-Butylbenzene	50.000	55.475	-11.0	118	0.00
86 T	p-Isopropyltoluene	50.000	55.235	-10.5	119	0.00
87 T	1,3-Dichlorobenzene	50.000	54.043	-8.1	117	0.00
88 T	1,4-Dichlorobenzene	50.000	53.756	-7.5	118	0.00
89 T	n-Butylbenzene	50.000	56.043	-12.1	121	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.041	-12.1	119	0.00
91 T	1,2-Dichlorobenzene	50.000	54.953	-9.9	119	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.162	-6.3	118	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.449	-4.9	118	0.00
94 T	Hexachlorobutadiene	50.000	52.292	-4.6	116	0.00
95 T	Naphthalene	50.000	56.045	-12.1	124	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.189	-6.4	119	0.00

(#) = Out of Range

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