

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY121719\
 Data File : VY000970.D
 Acq On : 17 Dec 2019 11:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 18 05:56:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 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	80	0.00
2 T	Dichlorodifluoromethane	50.000	44.194	11.6	71	0.00
3 P	Chloromethane	50.000	47.368	5.3	75	0.00
4 C	Vinyl Chloride	50.000	49.649	0.7#	79	0.00
5 T	Bromomethane	50.000	52.316	-4.6	82	0.00
6 T	Chloroethane	50.000	51.516	-3.0	79	0.00
7 T	Trichlorofluoromethane	50.000	51.895	-3.8	82	0.00
8 T	Diethyl Ether	50.000	56.501	-13.0	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	56.443	-12.9	89	0.00
10 T	Methyl Iodide	50.000	53.723	-7.4	82	0.00
11 T	Tert butyl alcohol	250.000	275.958	-10.4	82	0.00
12 CM	1,1-Dichloroethene	50.000	56.553	-13.1#	90	0.00
13 T	Acrolein	250.000	281.398	-12.6	92	0.00
14 T	Allyl chloride	50.000	54.208	-8.4	83	0.00
15 T	Acrylonitrile	250.000	289.019	-15.6	87	0.00
16 T	Acetone	250.000	233.027	6.8	73	0.00
17 T	Carbon Disulfide	50.000	50.685	-1.4	79	0.00
18 T	Methyl Acetate	50.000	55.584	-11.2	87	0.00
19 T	Methyl tert-butyl Ether	50.000	56.687	-13.4	84	-0.01
20 T	Methylene Chloride	50.000	54.857	-9.7	88	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.370	-10.7	87	0.00
22 T	Diisopropyl ether	50.000	54.591	-9.2	83	0.00
23 T	Vinyl Acetate	250.000	276.209	-10.5	80	0.00
24 P	1,1-Dichloroethane	50.000	55.815	-11.6	86	-0.01
25 T	2-Butanone	250.000	255.181	-2.1	73	0.00
26 T	2,2-Dichloropropane	50.000	55.442	-10.9	87	-0.01
27 T	cis-1,2-Dichloroethene	50.000	57.262	-14.5	88	0.00
28 T	Bromochloromethane	50.000	50.770	-1.5	77	0.00
29 T	Tetrahydrofuran	250.000	274.685	-9.9	80	0.00
30 C	Chloroform	50.000	53.811	-7.6#	86	0.00
31 T	Cyclohexane	50.000	52.155	-4.3	83	0.00
32 T	1,1,1-Trichloroethane	50.000	55.666	-11.3	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.561	2.9	79	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35 S	Dibromofluoromethane	50.000	52.422	-4.8	84	0.00
36 T	1,1-Dichloropropene	50.000	55.436	-10.9	85	0.00
37 T	Ethyl Acetate	50.000	55.305	-10.6	81	-0.01
38 T	Carbon Tetrachloride	50.000	56.686	-13.4	86	0.00
39 T	Methylcyclohexane	50.000	55.695	-11.4	85	0.00
40 TM	Benzene	50.000	57.768	-15.5	87	0.00
41 T	Methacrylonitrile	50.000	41.198	17.6	63	0.00
42 TM	1,2-Dichloroethane	50.000	55.431	-10.9	83	0.00
43 T	Isopropyl Acetate	50.000	55.812	-11.6	80	0.00
44 TM	Trichloroethene	50.000	58.748	-17.5	89	0.00
45 C	1,2-Dichloropropane	50.000	58.260	-16.5#	86	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	58.765	-17.5	86	0.00
47 T	Bromodichloromethane	50.000	58.070	-16.1	85	0.00
48 T	Methyl methacrylate	50.000	53.949	-7.9	74	0.00
49 T	1,4-Dioxane	1000.000	1157.164	-15.7	80	0.00
50 S	Toluene-d8	50.000	53.493	-7.0	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	285.334	-14.1	81	0.00
52 CM	Toluene	50.000	57.246	-14.5#	85	0.00
53 T	t-1,3-Dichloropropene	50.000	59.000	-18.0	84	0.00
54 T	cis-1,3-Dichloropropene	50.000	59.068	-18.1	87	0.00
55 T	1,1,2-Trichloroethane	50.000	58.576	-17.2	87	0.00
56 T	Ethyl methacrylate	50.000	60.009	-20.0#	83	0.00
57 T	1,3-Dichloropropane	50.000	59.497	-19.0	87	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.443	-3.4	81	0.00
59 T	2-Hexanone	250.000	273.717	-9.5	73	0.00
60 T	Dibromochloromethane	50.000	59.356	-18.7	86	0.00
61 T	1,2-Dibromoethane	50.000	59.841	-19.7	86	0.00
62 S	4-Bromofluorobenzene	50.000	49.345	1.3	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64 T	Tetrachloroethene	50.000	59.703	-19.4	91	0.00
65 PM	Chlorobenzene	50.000	58.009	-16.0	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	60.246	-20.5#	88	0.00
67 C	Ethyl Benzene	50.000	58.312	-16.6#	86	0.00
68 T	m/p-Xylenes	100.000	116.544	-16.5	86	0.00
69 T	o-Xylene	50.000	59.624	-19.2	88	0.00
70 T	Styrene	50.000	59.302	-18.6	86	0.00
71 P	Bromoform	50.000	60.743	-21.5#	85	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	56.948	-13.9	86	0.00
74 T	N-amyl acetate	50.000	55.585	-11.2	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.505	-15.0	82	0.00
76 T	1,2,3-Trichloropropane	50.000	56.212	-12.4	84	0.00
77 T	Bromobenzene	50.000	57.528	-15.1	85	0.00
78 T	n-propylbenzene	50.000	56.789	-13.6	86	0.00
79 T	2-Chlorotoluene	50.000	56.143	-12.3	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.119	-12.2	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	59.963	-19.9	82	0.00
82 T	4-Chlorotoluene	50.000	56.199	-12.4	86	0.00
83 T	tert-Butylbenzene	50.000	57.892	-15.8	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.482	-13.0	85	0.00
85 T	sec-Butylbenzene	50.000	57.698	-15.4	87	0.00
86 T	p-Isopropyltoluene	50.000	57.487	-15.0	86	0.00
87 T	1,3-Dichlorobenzene	50.000	56.666	-13.3	87	0.00
88 T	1,4-Dichlorobenzene	50.000	57.487	-15.0	86	0.00
89 T	n-Butylbenzene	50.000	57.661	-15.3	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	58.139	-16.3	85	0.00
91 T	1,2-Dichlorobenzene	50.000	57.557	-15.1	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.977	-4.0	75	0.00
93 T	1,2,4-Trichlorobenzene	50.000	58.925	-17.8	88	0.00
94 T	Hexachlorobutadiene	50.000	58.305	-16.6	90	0.00
95 T	Naphthalene	50.000	58.947	-17.9	86	0.00
96 T	1,2,3-Trichlorobenzene	50.000	57.589	-15.2	87	0.00

(#) = Out of Range

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