

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY101119\
 Data File : VY000289.D
 Acq On : 11 Oct 2019 22:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 14 08:50:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 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	102	0.00
2 T	Dichlorodifluoromethane	50.000	23.147	53.7#	52	0.00
3 P	Chloromethane	50.000	20.353	59.3#	44	0.00
4 C	Vinyl Chloride	50.000	20.607	58.8#	44	0.00
5 T	Bromomethane	50.000	23.862	52.3#	56	-0.02
6 T	Chloroethane	50.000	21.044	57.9#	44	0.00
7 T	Trichlorofluoromethane	50.000	20.858	58.3#	44	0.00
8 T	Diethyl Ether	50.000	24.658	50.7#	52	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	20.935	58.1#	44	0.00
10 T	Methyl Iodide	50.000	15.594	68.8#	29	0.00
11 T	Tert butyl alcohol	250.000	113.402	54.6#	46	0.00
12 CM	1,1-Dichloroethene	50.000	21.031	57.9#	44	0.00
13 T	Acrolein	250.000	101.535	59.4#	41	-0.01
14 T	Allyl chloride	50.000	22.164	55.7#	47	0.00
15 T	Acrylonitrile	250.000	110.743	55.7#	44	0.00
16 T	Acetone	250.000	88.761	64.5#	33	0.00
17 T	Carbon Disulfide	50.000	20.707	58.6#	44	-0.01
18 T	Methyl Acetate	50.000	24.638	50.7#	54	0.00
19 T	Methyl tert-butyl Ether	50.000	23.474	53.1#	49	0.00
20 T	Methylene Chloride	50.000	20.158	59.7#	48	0.00
21 T	trans-1,2-Dichloroethene	50.000	21.472	57.1#	45	0.00
22 T	Diisopropyl ether	50.000	23.228	53.5#	48	0.00
23 T	Vinyl Acetate	250.000	110.762	55.7#	44	0.00
24 P	1,1-Dichloroethane	50.000	22.637	54.7#	47	0.00
25 T	2-Butanone	250.000	106.022	57.6#	41	0.00
26 T	2,2-Dichloropropane	50.000	19.894	60.2#	42	0.00
27 T	cis-1,2-Dichloroethene	50.000	23.447	53.1#	49	-0.01
28 T	Bromochloromethane	50.000	21.612	56.8#	43	-0.01
29 T	Tetrahydrofuran	250.000	113.948	54.4#	45	0.00
30 C	Chloroform	50.000	22.159	55.7#	45	0.00
31 T	Cyclohexane	50.000	20.582	58.8#	44	0.00
32 T	1,1,1-Trichloroethane	50.000	21.124	57.8#	43	0.00
33 S	1,2-Dichloroethane-d4	50.000	57.258	-14.5	114	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	110	0.00
35 S	Dibromofluoromethane	50.000	49.301	1.4	109	0.00
36 T	1,1-Dichloropropene	50.000	18.847	62.3#	43	0.00
37 T	Ethyl Acetate	50.000	19.728	60.5#	43	0.00
38 T	Carbon Tetrachloride	50.000	18.853	62.3#	42	0.00
39 T	Methylcyclohexane	50.000	19.085	61.8#	43	0.00
40 TM	Benzene	50.000	20.293	59.4#	46	0.00
41 T	Methacrylonitrile	50.000	18.611	62.8#	41	0.00
42 TM	1,2-Dichloroethane	50.000	21.422	57.2#	48	0.00
43 T	Isopropyl Acetate	50.000	20.845	58.3#	45	0.00
44 TM	Trichloroethene	50.000	19.856	60.3#	44	0.00
45 C	1,2-Dichloropropane	50.000	21.082	57.8#	47	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	21.075	57.9#	47	0.00
47 T	Bromodichloromethane	50.000	20.957	58.1#	46	0.00
48 T	Methyl methacrylate	50.000	20.967	58.1#	45	0.00
49 T	1,4-Dioxane	1000.000	404.125	59.6#	43	0.00
50 S	Toluene-d8	50.000	50.664	-1.3	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	107.735	56.9#	46	0.00
52 CM	Toluene	50.000	19.865	60.3#	45	0.00
53 T	t-1,3-Dichloropropene	50.000	20.816	58.4#	46	0.00
54 T	cis-1,3-Dichloropropene	50.000	20.747	58.5#	45	0.00
55 T	1,1,2-Trichloroethane	50.000	20.453	59.1#	46	0.00
56 T	Ethyl methacrylate	50.000	21.260	57.5#	45	0.00
57 T	1,3-Dichloropropane	50.000	21.871	56.3#	48	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	128.585	48.6#	57	0.00
59 T	2-Hexanone	250.000	104.378	58.2#	43	0.00
60 T	Dibromochloromethane	50.000	20.680	58.6#	45	0.00
61 T	1,2-Dibromoethane	50.000	21.022	58.0#	46	0.00
62 S	4-Bromofluorobenzene	50.000	48.968	2.1	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64 T	Tetrachloroethene	50.000	20.119	59.8#	46	0.00
65 PM	Chlorobenzene	50.000	20.151	59.7#	46	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	20.474	59.1#	46	0.00
67 C	Ethyl Benzene	50.000	19.624	60.8#	44	0.00
68 T	m/p-Xylenes	100.000	39.009	61.0#	44	0.00
69 T	o-Xylene	50.000	19.686	60.6#	45	0.00
70 T	Styrene	50.000	19.882	60.2#	44	0.00
71 P	Bromoform	50.000	20.850	58.3#	44	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73 T	Isopropylbenzene	50.000	19.676	60.6#	43	0.00
74 T	N-amyl acetate	50.000	22.136	55.7#	44	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	20.190	59.6#	44	0.00
76 T	1,2,3-Trichloropropane	50.000	16.868	66.3#	35	0.00
77 T	Bromobenzene	50.000	20.462	59.1#	46	0.00
78 T	n-propylbenzene	50.000	19.594	60.8#	43	0.00
79 T	2-Chlorotoluene	50.000	20.427	59.1#	45	0.00
80 T	1,3,5-Trimethylbenzene	50.000	19.863	60.3#	43	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	17.457	65.1#	36	0.00
82 T	4-Chlorotoluene	50.000	20.079	59.8#	44	0.00
83 T	tert-Butylbenzene	50.000	19.480	61.0#	43	0.00
84 T	1,2,4-Trimethylbenzene	50.000	20.167	59.7#	44	0.00
85 T	sec-Butylbenzene	50.000	19.692	60.6#	42	0.00
86 T	p-Isopropyltoluene	50.000	19.565	60.9#	42	0.00
87 T	1,3-Dichlorobenzene	50.000	19.837	60.3#	44	0.00
88 T	1,4-Dichlorobenzene	50.000	19.826	60.3#	44	0.00
89 T	n-Butylbenzene	50.000	18.968	62.1#	40	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	19.752	60.5#	42	0.00
91 T	1,2-Dichlorobenzene	50.000	20.552	58.9#	44	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	20.884	58.2#	45	0.00
93 T	1,2,4-Trichlorobenzene	50.000	19.893	60.2#	45	0.00
94 T	Hexachlorobutadiene	50.000	18.491	63.0#	41	0.00
95 T	Naphthalene	50.000	29.501	41.0#	65	0.00
96 T	1,2,3-Trichlorobenzene	50.000	20.119	59.8#	45	0.00

(#) = Out of Range

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