

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv041320\
 Data File : VY002297.D
 Acq On : 13 Apr 2020 21:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 14 09:36:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	87	0.00
2 T	Dichlorodifluoromethane	0.505	0.526	-4.2	90	0.00
3 P	Chloromethane	0.636	0.685	-7.7	96	0.00
4 C	Vinyl Chloride	0.677	0.700	-3.4#	91	0.00
5 T	Bromomethane	0.418	0.472	-12.9	98	0.00
6 T	Chloroethane	0.390	0.424	-8.7	96	0.00
7 T	Trichlorofluoromethane	0.874	0.897	-2.6	94	0.00
8 T	Diethyl Ether	0.372	0.438	-17.7	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.594	0.636	-7.1	97	0.00
10 T	Methyl Iodide	0.690	0.748	-8.4	96	0.00
11 T	Tert butyl alcohol	0.073	0.070	4.1	105	0.00
12 CM	1,1-Dichloroethene	0.604	0.666	-10.3#	99	0.00
13 T	Acrolein	0.072	0.074	-2.8	92	0.00
14 T	Allyl chloride	0.975	1.049	-7.6	95	0.00
15 T	Acrylonitrile	0.190	0.223	-17.4	106	0.00
16 T	Acetone	0.146	0.143	2.1	83	0.00
17 T	Carbon Disulfide	2.005	2.189	-9.2	97	0.00
18 T	Methyl Acetate	0.454	0.533	-17.4	106	0.00
19 T	Methyl tert-butyl Ether	1.587	1.843	-16.1	103	0.00
20 T	Methylene Chloride	0.720	0.797	-10.7	106	0.00
21 T	trans-1,2-Dichloroethene	0.678	0.768	-13.3	102	0.00
22 T	Diisopropyl ether	1.962	2.200	-12.1	99	0.00
23 T	Vinyl Acetate	1.250	1.423	-13.8	100	0.00
24 P	1,1-Dichloroethane	1.116	1.260	-12.9	101	0.00
25 T	2-Butanone	0.232	0.254	-9.5	99	0.00
26 T	2,2-Dichloropropane	0.934	0.894	4.3	89	0.00
27 T	cis-1,2-Dichloroethene	0.739	0.865	-17.1	105	0.00
28 T	Bromochloromethane	0.482	0.505	-4.8	92	0.00
29 T	Tetrahydrofuran	0.153	0.174	-13.7	103	0.00
30 C	Chloroform	1.052	1.199	-14.0#	102	0.00
31 T	Cyclohexane	1.171	1.188	-1.5	93	0.00
32 T	1,1,1-Trichloroethane	0.876	0.954	-8.9	96	0.00
33 S	1,2-Dichloroethane-d4	0.556	0.583	-4.9	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.298	0.316	-6.0	97	0.00
36 T	1,1-Dichloropropene	0.492	0.502	-2.0	95	0.00
37 T	Ethyl Acetate	0.281	0.301	-7.1	102	0.00
38 T	Carbon Tetrachloride	0.421	0.433	-2.9	96	0.00
39 T	Methylcyclohexane	0.670	0.672	-0.3	94	0.00
40 TM	Benzene	1.494	1.625	-8.8	101	0.00
41 T	Methacrylonitrile	0.166	0.178	-7.2	112	0.00
42 TM	1,2-Dichloroethane	0.370	0.390	-5.4	99	0.00
43 T	Isopropyl Acetate	0.513	0.555	-8.2	102	0.00
44 TM	Trichloroethene	0.439	0.470	-7.1	101	0.00
45 C	1,2-Dichloropropane	0.371	0.407	-9.7#	103	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.194	0.216	-11.3	103	0.00
47 T	Bromodichloromethane	0.445	0.496	-11.5	103	0.00
48 T	Methyl methacrylate	0.230	0.245	-6.5	99	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	107	0.00
50 S	Toluene-d8	1.245	1.290	-3.6	94	0.00
51 T	4-Methyl-2-Pentanone	0.267	0.293	-9.7	105	0.00
52 CM	Toluene	0.900	0.989	-9.9#	102	0.00
53 T	t-1,3-Dichloropropene	0.485	0.532	-9.7	100	0.00
54 T	cis-1,3-Dichloropropene	0.583	0.640	-9.8	100	0.00
55 T	1,1,2-Trichloroethane	0.284	0.319	-12.3	105	0.00
56 T	Ethyl methacrylate	0.405	0.465	-14.8	105	0.00
57 T	1,3-Dichloropropane	0.499	0.557	-11.6	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.210	0.224	-6.7	102	0.00
59 T	2-Hexanone	0.186	0.200	-7.5	101	0.00
60 T	Dibromochloromethane	0.303	0.347	-14.5	105	0.00
61 T	1,2-Dibromoethane	0.270	0.310	-14.8	107	0.00
62 S	4-Bromofluorobenzene	0.411	0.421	-2.4	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.506	0.538	-6.3	101	0.00
65 PM	Chlorobenzene	1.039	1.121	-7.9	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.343	0.377	-9.9	102	0.00
67 C	Ethyl Benzene	1.903	2.015	-5.9#	100	0.00
68 T	m/p-Xylenes	0.713	0.761	-6.7	101	0.00
69 T	o-Xylene	0.669	0.717	-7.2	101	0.00
70 T	Styrene	1.161	1.276	-9.9	103	0.00
71 P	Bromoform	0.187	0.214	-14.4	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.928	4.138	-5.3	99	0.00
74 T	N-amyl acetate	1.115	1.196	-7.3	103	0.00
75 P	1,1,2,2-Tetrachloroethane	0.475	0.543	-14.3	108	0.00
76 T	1,2,3-Trichloropropane	0.581	0.606	-4.3	93	0.00
77 T	Bromobenzene	0.864	0.945	-9.4	103	0.00
78 T	n-propylbenzene	4.885	5.037	-3.1	98	0.00
79 T	2-Chlorotoluene	2.655	2.787	-5.0	100	0.00
80 T	1,3,5-Trimethylbenzene	3.249	3.410	-5.0	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.299	0.325	-8.7	100	0.00
82 T	4-Chlorotoluene	2.783	2.856	-2.6	98	0.00
83 T	tert-Butylbenzene	2.721	2.859	-5.1	98	0.00
84 T	1,2,4-Trimethylbenzene	3.244	3.386	-4.4	99	0.00
85 T	sec-Butylbenzene	4.054	4.174	-3.0	98	0.00
86 T	p-Isopropyltoluene	3.489	3.571	-2.4	96	0.00
87 T	1,3-Dichlorobenzene	1.675	1.797	-7.3	102	0.00
88 T	1,4-Dichlorobenzene	1.700	1.768	-4.0	101	0.00
89 T	n-Butylbenzene	3.576	3.561	0.4	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.665	0.696	-4.7	99	0.00
91 T	1,2-Dichlorobenzene	1.522	1.629	-7.0	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.115	0.120	-4.3	100	0.00
93 T	1,2,4-Trichlorobenzene	0.995	0.995	0.0	98	0.00
94 T	Hexachlorobutadiene	0.501	0.504	-0.6	96	0.00
95 T	Naphthalene	2.178	2.325	-6.7	100	0.00
96 T	1,2,3-Trichlorobenzene	0.864	0.865	-0.1	97	0.00

(#) = Out of Range

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