

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv112219\
 Data File : VY000781.D
 Acq On : 22 Nov 2019 10:11
 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: Nov 23 04:07:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	141	0.00
2 T	Dichlorodifluoromethane	0.492	0.420	14.6	115	0.00
3 P	Chloromethane	0.678	0.545	19.6	112	0.00
4 C	Vinyl Chloride	0.630	0.549	12.9#	121	0.00
5 T	Bromomethane	0.378	0.338	10.6	132	0.00
6 T	Chloroethane	0.394	0.353	10.4	127	0.00
7 T	Trichlorofluoromethane	0.850	0.791	6.9	132	0.00
8 T	Diethyl Ether	0.302	0.306	-1.3	142	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.514	0.492	4.3	137	0.00
10 T	Methyl Iodide	0.606	0.597	1.5	130	0.00
11 T	Tert butyl alcohol	0.050	0.048	4.0	147	0.00
12 CM	1,1-Dichloroethene	0.499	0.485	2.8#	131	0.00
13 T	Acrolein	0.044	0.044	0.0	143	0.00
14 T	Allyl chloride	0.812	0.862	-6.2	147	0.00
15 T	Acrylonitrile	0.155	0.165	-6.5	152#	0.00
16 T	Acetone	0.143	0.143	0.0	129	0.00
17 T	Carbon Disulfide	1.575	1.432	9.1	127	0.00
18 T	Methyl Acetate	0.443	0.475	-7.2	161#	0.00
19 T	Methyl tert-butyl Ether	1.389	1.400	-0.8	142	0.00
20 T	Methylene Chloride	0.611	0.563	7.9	141	0.00
21 T	trans-1,2-Dichloroethene	0.565	0.552	2.3	137	0.00
22 T	Diisopropyl ether	1.765	1.835	-4.0	145	0.00
23 T	Vinyl Acetate	1.114	1.126	-1.1	140	0.00
24 P	1,1-Dichloroethane	0.956	0.977	-2.2	145	0.00
25 T	2-Butanone	0.228	0.251	-10.1	151#	0.00
26 T	2,2-Dichloropropane	0.874	0.846	3.2	140	0.00
27 T	cis-1,2-Dichloroethene	0.617	0.634	-2.8	144	0.00
28 T	Bromochloromethane	0.388	0.483	-24.5#	145	0.00
29 T	Tetrahydrofuran	0.139	0.143	-2.9	145	0.00
30 C	Chloroform	0.967	0.952	1.6#	139	0.00
31 T	Cyclohexane	1.002	0.955	4.7	138	0.00
32 T	1,1,1-Trichloroethane	0.862	0.808	6.3	132	0.00
33 S	1,2-Dichloroethane-d4	0.517	0.497	3.9	124	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	145	0.00
35 S	Dibromofluoromethane	0.294	0.266	9.5	128	0.00
36 T	1,1-Dichloropropene	0.473	0.441	6.8	139	0.00
37 T	Ethyl Acetate	0.281	0.264	6.0	144	0.00
38 T	Carbon Tetrachloride	0.455	0.410	9.9	131	0.00
39 T	Methylcyclohexane	0.611	0.584	4.4	137	0.00
40 TM	Benzene	1.386	1.329	4.1	141	0.00
41 T	Methacrylonitrile	0.157	0.128	18.5	130	-0.02
42 TM	1,2-Dichloroethane	0.393	0.360	8.4	133	0.00
43 T	Isopropyl Acetate	0.527	0.510	3.2	144	0.00
44 TM	Trichloroethene	0.365	0.353	3.3	144	0.00
45 C	1,2-Dichloropropane	0.341	0.344	-0.9#	148	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.188	0.178	5.3	139	0.00
47 T	Bromodichloromethane	0.445	0.432	2.9	139	0.00
48 T	Methyl methacrylate	0.230	0.227	1.3	147	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	149	-0.01
50 S	Toluene-d8	1.114	1.093	1.9	129	0.00
51 T	4-Methyl-2-Pentanone	0.280	0.273	2.5	141	0.00
52 CM	Toluene	0.876	0.835	4.7#	139	0.00
53 T	t-1,3-Dichloropropene	0.476	0.476	0.0	140	0.00
54 T	cis-1,3-Dichloropropene	0.545	0.551	-1.1	145	0.00
55 T	1,1,2-Trichloroethane	0.271	0.267	1.5	144	0.00
56 T	Ethyl methacrylate	0.385	0.401	-4.2	146	0.00
57 T	1,3-Dichloropropane	0.475	0.466	1.9	142	0.00
58 T	2-Chloroethyl Vinyl ether	0.174	0.198	-13.8	158#	0.00
59 T	2-Hexanone	0.204	0.222	-8.8	152#	0.00
60 T	Dibromochloromethane	0.311	0.293	5.8	135	0.00
61 T	1,2-Dibromoethane	0.261	0.256	1.9	140	0.00
62 S	4-Bromofluorobenzene	0.424	0.405	4.5	134	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	146	0.00
64 T	Tetrachloroethene	0.413	0.425	-2.9	151#	0.00
65 PM	Chlorobenzene	1.014	0.969	4.4	140	0.00
66 T	1,1,1,2-Tetrachloroethane	0.352	0.341	3.1	138	0.00
67 C	Ethyl Benzene	1.866	1.808	3.1#	139	0.00
68 T	m/p-Xylenes	0.722	0.680	5.8	133	0.00
69 T	o-Xylene	0.679	0.643	5.3	138	0.00
70 T	Styrene	1.162	1.113	4.2	135	0.00
71 P	Bromoform	0.202	0.197	2.5	136	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	135	0.00
73 T	Isopropylbenzene	3.695	3.658	1.0	135	0.00
74 T	N-amyl acetate	1.058	1.054	0.4	132	0.00
75 P	1,1,2,2-Tetrachloroethane	0.732	0.687	6.1	130	0.00
76 T	1,2,3-Trichloropropane	0.569	0.540	5.1	116	0.00
77 T	Bromobenzene	0.838	0.819	2.3	135	0.00
78 T	n-propylbenzene	4.459	4.492	-0.7	136	0.00
79 T	2-Chlorotoluene	2.475	2.475	0.0	137	0.00
80 T	1,3,5-Trimethylbenzene	3.078	3.082	-0.1	135	0.00
81 T	trans-1,4-Dichloro-2-butene	0.254	0.284	-11.8	148	0.00
82 T	4-Chlorotoluene	2.566	2.575	-0.4	135	0.00
83 T	tert-Butylbenzene	2.628	2.582	1.8	132	0.00
84 T	1,2,4-Trimethylbenzene	3.064	3.085	-0.7	133	0.00
85 T	sec-Butylbenzene	3.744	3.775	-0.8	133	0.00
86 T	p-Isopropyltoluene	3.337	3.298	1.2	132	0.00
87 T	1,3-Dichlorobenzene	1.641	1.588	3.2	132	0.00
88 T	1,4-Dichlorobenzene	1.640	1.580	3.7	130	0.00
89 T	n-Butylbenzene	3.291	3.347	-1.7	135	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.617	0.621	-0.6	133	0.00
91 T	1,2-Dichlorobenzene	1.489	1.444	3.0	131	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.129	0.122	5.4	131	0.00
93 T	1,2,4-Trichlorobenzene	1.014	0.970	4.3	134	0.00
94 T	Hexachlorobutadiene	0.523	0.492	5.9	126	0.00
95 T	Naphthalene	2.251	2.296	-2.0	140	0.00
96 T	1,2,3-Trichlorobenzene	0.910	0.852	6.4	127	0.00

(#) = Out of Range

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