

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv112119\
 Data File : VY000762.D
 Acq On : 21 Nov 2019 12:40
 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 22 03:20:18 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	147	0.00
2 T	Dichlorodifluoromethane	0.492	0.449	8.7	129	0.00
3 P	Chloromethane	0.678	0.550	18.9	118	0.00
4 C	Vinyl Chloride	0.630	0.553	12.2#	127	0.00
5 T	Bromomethane	0.378	0.344	9.0	140	0.00
6 T	Chloroethane	0.394	0.349	11.4	131	0.00
7 T	Trichlorofluoromethane	0.850	0.856	-0.7	149	0.00
8 T	Diethyl Ether	0.302	0.335	-10.9	163#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.514	0.553	-7.6	161#	0.00
10 T	Methyl Iodide	0.606	0.653	-7.8	148	0.00
11 T	Tert butyl alcohol	0.050	0.052	-4.0	164#	-0.01
12 CM	1,1-Dichloroethene	0.499	0.534	-7.0#	151#	0.00
13 T	Acrolein	0.044	0.046	-4.5	155#	0.00
14 T	Allyl chloride	0.812	0.898	-10.6	160#	0.00
15 T	Acrylonitrile	0.155	0.174	-12.3	167#	0.00
16 T	Acetone	0.143	0.156	-9.1	147	0.00
17 T	Carbon Disulfide	1.575	1.587	-0.8	148	0.00
18 T	Methyl Acetate	0.443	0.476	-7.4	168#	0.00
19 T	Methyl tert-butyl Ether	1.389	1.511	-8.8	160#	0.00
20 T	Methylene Chloride	0.611	0.616	-0.8	161#	0.00
21 T	trans-1,2-Dichloroethene	0.565	0.600	-6.2	155#	0.00
22 T	Diisopropyl ether	1.765	1.854	-5.0	153#	0.00
23 T	Vinyl Acetate	1.114	1.151	-3.3	150	0.00
24 P	1,1-Dichloroethane	0.956	1.048	-9.6	162#	0.00
25 T	2-Butanone	0.228	0.237	-3.9	148	0.00
26 T	2,2-Dichloropropane	0.874	0.893	-2.2	155#	0.00
27 T	cis-1,2-Dichloroethene	0.617	0.689	-11.7	163#	0.00
28 T	Bromochloromethane	0.388	0.488	-25.8#	153#	0.00
29 T	Tetrahydrofuran	0.139	0.143	-2.9	152#	0.00
30 C	Chloroform	0.967	1.032	-6.7#	158#	0.00
31 T	Cyclohexane	1.002	1.026	-2.4	155#	0.00
32 T	1,1,1-Trichloroethane	0.862	0.877	-1.7	149	0.00
33 S	1,2-Dichloroethane-d4	0.517	0.536	-3.7	140	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	154#	0.00
35 S	Dibromofluoromethane	0.294	0.301	-2.4	152#	0.00
36 T	1,1-Dichloropropene	0.473	0.471	0.4	156#	0.00
37 T	Ethyl Acetate	0.281	0.266	5.3	153#	-0.01
38 T	Carbon Tetrachloride	0.455	0.435	4.4	147	0.00
39 T	Methylcyclohexane	0.611	0.619	-1.3	154#	0.00
40 TM	Benzene	1.386	1.415	-2.1	158#	0.00
41 T	Methacrylonitrile	0.157	0.165	-5.1	176#	-0.01
42 TM	1,2-Dichloroethane	0.393	0.360	8.4	141	0.00
43 T	Isopropyl Acetate	0.527	0.516	2.1	154#	0.00
44 TM	Trichloroethene	0.365	0.367	-0.5	158#	0.00
45 C	1,2-Dichloropropane	0.341	0.355	-4.1#	161#	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	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.188	0.186	1.1	153#	0.00
47 T	Bromodichloromethane	0.445	0.448	-0.7	152#	0.00
48 T	Methyl methacrylate	0.230	0.223	3.0	152#	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	164#	0.00
50 S	Toluene-d8	1.114	1.229	-10.3	153#	0.00
51 T	4-Methyl-2-Pentanone	0.280	0.268	4.3	147	0.00
52 CM	Toluene	0.876	0.862	1.6#	152#	0.00
53 T	t-1,3-Dichloropropene	0.476	0.495	-4.0	154#	0.00
54 T	cis-1,3-Dichloropropene	0.545	0.571	-4.8	159#	0.00
55 T	1,1,2-Trichloroethane	0.271	0.277	-2.2	158#	0.00
56 T	Ethyl methacrylate	0.385	0.412	-7.0	158#	0.00
57 T	1,3-Dichloropropane	0.475	0.489	-2.9	157#	0.00
58 T	2-Chloroethyl Vinyl ether	0.174	0.190	-9.2	161#	0.00
59 T	2-Hexanone	0.204	0.196	3.9	141	0.00
60 T	Dibromochloromethane	0.311	0.306	1.6	149	0.00
61 T	1,2-Dibromoethane	0.261	0.267	-2.3	154#	0.00
62 S	4-Bromofluorobenzene	0.424	0.429	-1.2	150	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	151#	0.00
64 T	Tetrachloroethene	0.413	0.428	-3.6	156#	0.00
65 PM	Chlorobenzene	1.014	1.040	-2.6	155#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.352	0.365	-3.7	152#	0.00
67 C	Ethyl Benzene	1.866	1.924	-3.1#	152#	0.00
68 T	m/p-Xylenes	0.722	0.717	0.7	145	0.00
69 T	o-Xylene	0.679	0.687	-1.2	152#	0.00
70 T	Styrene	1.162	1.187	-2.2	149	0.00
71 P	Bromoform	0.202	0.207	-2.5	147	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	136	0.00
73 T	Isopropylbenzene	3.695	3.992	-8.0	149	0.00
74 T	N-amyl acetate	1.058	1.076	-1.7	137	0.00
75 P	1,1,2,2-Tetrachloroethane	0.732	0.793	-8.3	152#	0.00
76 T	1,2,3-Trichloropropane	0.569	0.549	3.5	120	0.00
77 T	Bromobenzene	0.838	0.870	-3.8	145	0.00
78 T	n-propylbenzene	4.459	4.889	-9.6	150	0.00
79 T	2-Chlorotoluene	2.475	2.662	-7.6	149	0.00
80 T	1,3,5-Trimethylbenzene	3.078	3.322	-7.9	147	0.00
81 T	trans-1,4-Dichloro-2-butene	0.254	0.307	-20.9#	161#	0.00
82 T	4-Chlorotoluene	2.566	2.792	-8.8	149	0.00
83 T	tert-Butylbenzene	2.628	2.847	-8.3	147	0.00
84 T	1,2,4-Trimethylbenzene	3.064	3.411	-11.3	149	0.00
85 T	sec-Butylbenzene	3.744	4.102	-9.6	146	0.00
86 T	p-Isopropyltoluene	3.337	3.554	-6.5	143	0.00
87 T	1,3-Dichlorobenzene	1.641	1.702	-3.7	143	0.00
88 T	1,4-Dichlorobenzene	1.640	1.690	-3.0	141	0.00
89 T	n-Butylbenzene	3.291	3.606	-9.6	147	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.617	0.667	-8.1	144	0.00
91 T	1,2-Dichlorobenzene	1.489	1.543	-3.6	141	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.129	0.134	-3.9	145	0.00
93 T	1,2,4-Trichlorobenzene	1.014	1.066	-5.1	149	0.00
94 T	Hexachlorobutadiene	0.523	0.515	1.5	133	0.00
95 T	Naphthalene	2.251	2.461	-9.3	151#	0.00
96 T	1,2,3-Trichlorobenzene	0.910	0.937	-3.0	141	0.00

(#) = Out of Range

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