

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv101519\
 Data File : VY000319.D
 Acq On : 15 Oct 2019 17:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 15 18:02:12 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	111	0.00
2 T	Dichlorodifluoromethane	0.446	0.364	18.4	102	0.00
3 P	Chloromethane	0.611	0.506	17.2	98	0.00
4 C	Vinyl Chloride	0.617	0.566	8.3#	107	0.00
5 T	Bromomethane	0.457	0.395	13.6	111	0.00
6 T	Chloroethane	0.398	0.378	5.0	108	0.00
7 T	Trichlorofluoromethane	0.843	0.808	4.2	110	0.00
8 T	Diethyl Ether	0.298	0.302	-1.3	118	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.512	0.495	3.3	111	0.00
10 T	Methyl Iodide	0.668	0.669	-0.1	100	0.00
11 T	Tert butyl alcohol	0.055	0.052	5.5	103	0.00
12 CM	1,1-Dichloroethene	0.505	0.482	4.6#	108	0.00
13 T	Acrolein	0.065	0.075	-15.4	127	0.00
14 T	Allyl chloride	0.837	0.840	-0.4	115	0.00
15 T	Acrylonitrile	0.167	0.162	3.0	106	0.00
16 T	Acetone	0.171	0.153	10.5	91	0.00
17 T	Carbon Disulfide	1.590	1.465	7.9	106	0.00
18 T	Methyl Acetate	0.424	0.387	8.7	110	0.00
19 T	Methyl tert-butyl Ether	1.406	1.444	-2.7	116	-0.01
20 T	Methylene Chloride	0.700	0.648	7.4	127	0.00
21 T	trans-1,2-Dichloroethene	0.579	0.557	3.8	110	0.00
22 T	Diisopropyl ether	1.770	1.867	-5.5	119	0.00
23 T	Vinyl Acetate	1.155	1.205	-4.3	113	-0.01
24 P	1,1-Dichloroethane	0.966	0.976	-1.0	114	0.00
25 T	2-Butanone	0.241	0.239	0.8	106	0.00
26 T	2,2-Dichloropropane	0.890	0.890	0.0	116	0.00
27 T	cis-1,2-Dichloroethene	0.627	0.627	0.0	114	-0.01
28 T	Bromochloromethane	0.415	0.452	-8.9	119	0.00
29 T	Tetrahydrofuran	0.146	0.140	4.1	104	0.00
30 C	Chloroform	0.973	0.998	-2.6#	114	0.00
31 T	Cyclohexane	1.009	0.953	5.6	111	0.00
32 T	1,1,1-Trichloroethane	0.865	0.878	-1.5	113	0.00
33 S	1,2-Dichloroethane-d4	0.527	0.552	-4.7	113	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
35 S	Dibromofluoromethane	0.302	0.292	3.3	109	0.00
36 T	1,1-Dichloropropene	0.490	0.473	3.5	113	0.00
37 T	Ethyl Acetate	0.290	0.279	3.8	107	0.00
38 T	Carbon Tetrachloride	0.474	0.458	3.4	111	0.00
39 T	Methylcyclohexane	0.641	0.617	3.7	111	0.00
40 TM	Benzene	1.415	1.406	0.6	114	0.00
41 T	Methacrylonitrile	0.138	0.129	6.5	106	0.00
42 TM	1,2-Dichloroethane	0.404	0.399	1.2	112	0.00
43 T	Isopropyl Acetate	0.551	0.545	1.1	109	-0.01
44 TM	Trichloroethene	0.397	0.376	5.3	108	0.00
45 C	1,2-Dichloropropane	0.347	0.351	-1.2#	114	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.194	0.190	2.1	111	0.00
47 T	Bromodichloromethane	0.457	0.469	-2.6	116	0.00
48 T	Methyl methacrylate	0.242	0.244	-0.8	111	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	99	0.00
50 S	Toluene-d8	1.160	1.239	-6.8	113	0.00
51 T	4-Methyl-2-Pentanone	0.284	0.296	-4.2	113	0.00
52 CM	Toluene	0.898	0.897	0.1#	114	0.00
53 T	t-1,3-Dichloropropene	0.490	0.504	-2.9	114	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.580	-4.1	116	0.00
55 T	1,1,2-Trichloroethane	0.282	0.287	-1.8	118	0.00
56 T	Ethyl methacrylate	0.402	0.433	-7.7	117	0.00
57 T	1,3-Dichloropropane	0.485	0.497	-2.5	115	0.00
58 T	2-Chloroethyl Vinyl ether	0.160	0.223	-39.4#	157#	0.00
59 T	2-Hexanone	0.200	0.223	-11.5	119	0.00
60 T	Dibromochloromethane	0.313	0.327	-4.5	117	0.00
61 T	1,2-Dibromoethane	0.271	0.271	0.0	111	0.00
62 S	4-Bromofluorobenzene	0.441	0.462	-4.8	119	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	116	0.00
64 T	Tetrachloroethene	0.476	0.435	8.6	107	0.00
65 PM	Chlorobenzene	1.055	1.035	1.9	115	0.00
66 T	1,1,1,2-Tetrachloroethane	0.371	0.365	1.6	113	0.00
67 C	Ethyl Benzene	1.956	1.924	1.6#	114	0.00
68 T	m/p-Xylenes	0.748	0.733	2.0	113	0.00
69 T	o-Xylene	0.713	0.694	2.7	113	0.00
70 T	Styrene	1.203	1.209	-0.5	115	0.00
71 P	Bromoform	0.213	0.217	-1.9	112	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	116	0.00
73 T	Isopropylbenzene	3.899	3.773	3.2	115	0.00
74 T	N-amyl acetate	0.957	1.118	-16.8	126	0.00
75 P	1,1,2,2-Tetrachloroethane	0.732	0.720	1.6	116	0.00
76 T	1,2,3-Trichloropropane	0.615	0.603	2.0	109	0.00
77 T	Bromobenzene	0.868	0.826	4.8	115	0.00
78 T	n-propylbenzene	4.681	4.592	1.9	115	0.00
79 T	2-Chlorotoluene	2.585	2.546	1.5	116	0.00
80 T	1,3,5-Trimethylbenzene	3.269	3.166	3.2	114	0.00
81 T	trans-1,4-Dichloro-2-butene	0.281	0.270	3.9	106	0.00
82 T	4-Chlorotoluene	2.733	2.655	2.9	114	0.00
83 T	tert-Butylbenzene	2.768	2.663	3.8	113	0.00
84 T	1,2,4-Trimethylbenzene	3.227	3.154	2.3	114	0.00
85 T	sec-Butylbenzene	4.005	3.876	3.2	112	0.00
86 T	p-Isopropyltoluene	3.492	3.453	1.1	113	0.00
87 T	1,3-Dichlorobenzene	1.709	1.652	3.3	116	0.00
88 T	1,4-Dichlorobenzene	1.708	1.654	3.2	115	0.00
89 T	n-Butylbenzene	3.450	3.450	0.0	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.647	0.644	0.5	113	0.00
91 T	1,2-Dichlorobenzene	1.547	1.523	1.6	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.139	0.134	3.6	113	0.00
93 T	1,2,4-Trichlorobenzene	1.077	1.030	4.4	115	0.00
94 T	Hexachlorobutadiene	0.583	0.529	9.3	108	0.00
95 T	Naphthalene	2.403	2.326	3.2	114	0.00
96 T	1,2,3-Trichlorobenzene	0.971	0.929	4.3	114	0.00

(#) = Out of Range

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