

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv111819\
 Data File : VY000718.D
 Acq On : 18 Nov 2019 11:01
 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 18 11:54:53 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	101	0.00
2 T	Dichlorodifluoromethane	0.492	0.527	-7.1	104	0.00
3 P	Chloromethane	0.678	0.690	-1.8	102	0.00
4 C	Vinyl Chloride	0.630	0.672	-6.7#	106	0.00
5 T	Bromomethane	0.378	0.455	-20.4#	127	0.00
6 T	Chloroethane	0.394	0.424	-7.6	110	0.00
7 T	Trichlorofluoromethane	0.850	0.909	-6.9	109	0.00
8 T	Diethyl Ether	0.302	0.322	-6.6	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.514	0.537	-4.5	108	0.00
10 T	Methyl Iodide	0.606	0.583	3.8	91	0.00
11 T	Tert butyl alcohol	0.050	0.051	-2.0	110	0.00
12 CM	1,1-Dichloroethene	0.499	0.523	-4.8#	101	0.00
13 T	Acrolein	0.044	0.033	25.0#	77	0.00
14 T	Allyl chloride	0.812	0.938	-15.5	115	0.00
15 T	Acrylonitrile	0.155	0.172	-11.0	113	0.00
16 T	Acetone	0.143	0.199	-39.2#	129	0.00
17 T	Carbon Disulfide	1.575	1.634	-3.7	104	0.00
18 T	Methyl Acetate	0.443	0.479	-8.1	117	0.00
19 T	Methyl tert-butyl Ether	1.389	1.540	-10.9	112	0.00
20 T	Methylene Chloride	0.611	0.605	1.0	109	0.00
21 T	trans-1,2-Dichloroethene	0.565	0.602	-6.5	107	0.00
22 T	Diisopropyl ether	1.765	2.077	-17.7	118	0.00
23 T	Vinyl Acetate	1.114	1.292	-16.0	116	0.00
24 P	1,1-Dichloroethane	0.956	1.067	-11.6	114	0.00
25 T	2-Butanone	0.228	0.271	-18.9	117	0.00
26 T	2,2-Dichloropropane	0.874	0.943	-7.9	112	0.00
27 T	cis-1,2-Dichloroethene	0.617	0.684	-10.9	112	0.00
28 T	Bromochloromethane	0.388	0.480	-23.7#	103	0.00
29 T	Tetrahydrofuran	0.139	0.155	-11.5	114	0.00
30 C	Chloroform	0.967	1.092	-12.9#	115	0.00
31 T	Cyclohexane	1.002	1.043	-4.1	108	0.00
32 T	1,1,1-Trichloroethane	0.862	0.944	-9.5	110	0.00
33 S	1,2-Dichloroethane-d4	0.517	0.557	-7.7	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35 S	Dibromofluoromethane	0.294	0.299	-1.7	102	0.00
36 T	1,1-Dichloropropene	0.473	0.512	-8.2	114	0.00
37 T	Ethyl Acetate	0.281	0.307	-9.3	119	0.00
38 T	Carbon Tetrachloride	0.455	0.486	-6.8	110	0.00
39 T	Methylcyclohexane	0.611	0.656	-7.4	109	0.00
40 TM	Benzene	1.386	1.486	-7.2	111	0.00
41 T	Methacrylonitrile	0.157	0.156	0.6	111	-0.02
42 TM	1,2-Dichloroethane	0.393	0.422	-7.4	111	0.00
43 T	Isopropyl Acetate	0.527	0.569	-8.0	114	0.00
44 TM	Trichloroethene	0.365	0.385	-5.5	111	0.00
45 C	1,2-Dichloropropane	0.341	0.371	-8.8#	113	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	0.203	-8.0	112	0.00
47 T	Bromodichloromethane	0.445	0.490	-10.1	111	0.00
48 T	Methyl methacrylate	0.230	0.256	-11.3	117	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	106	0.00
50 S	Toluene-d8	1.114	1.228	-10.2	102	0.00
51 T	4-Methyl-2-Pentanone	0.280	0.306	-9.3	112	0.00
52 CM	Toluene	0.876	0.956	-9.1#	113	0.00
53 T	t-1,3-Dichloropropene	0.476	0.535	-12.4	112	0.00
54 T	cis-1,3-Dichloropropene	0.545	0.612	-12.3	114	0.00
55 T	1,1,2-Trichloroethane	0.271	0.296	-9.2	113	0.00
56 T	Ethyl methacrylate	0.385	0.445	-15.6	114	0.00
57 T	1,3-Dichloropropane	0.475	0.520	-9.5	112	0.00
58 T	2-Chloroethyl Vinyl ether	0.174	0.190	-9.2	108	0.00
59 T	2-Hexanone	0.204	0.235	-15.2	113	0.00
60 T	Dibromochloromethane	0.311	0.338	-8.7	110	0.00
61 T	1,2-Dibromoethane	0.261	0.285	-9.2	110	0.00
62 S	4-Bromofluorobenzene	0.424	0.442	-4.2	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
64 T	Tetrachloroethene	0.413	0.414	-0.2	106	0.00
65 PM	Chlorobenzene	1.014	1.082	-6.7	114	0.00
66 T	1,1,1,2-Tetrachloroethane	0.352	0.372	-5.7	109	0.00
67 C	Ethyl Benzene	1.866	2.032	-8.9#	113	0.00
68 T	m/p-Xylenes	0.722	0.768	-6.4	109	0.00
69 T	o-Xylene	0.679	0.730	-7.5	114	0.00
70 T	Styrene	1.162	1.266	-9.0	112	0.00
71 P	Bromoform	0.202	0.221	-9.4	111	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.695	4.044	-9.4	113	0.00
74 T	N-amyl acetate	1.058	1.187	-12.2	113	0.00
75 P	1,1,2,2-Tetrachloroethane	0.732	0.815	-11.3	117	0.00
76 T	1,2,3-Trichloropropane	0.569	0.605	-6.3	99	0.00
77 T	Bromobenzene	0.838	0.890	-6.2	111	0.00
78 T	n-propylbenzene	4.459	4.964	-11.3	114	0.00
79 T	2-Chlorotoluene	2.475	2.713	-9.6	114	0.00
80 T	1,3,5-Trimethylbenzene	3.078	3.354	-9.0	111	0.00
81 T	trans-1,4-Dichloro-2-butene	0.254	0.301	-18.5	119	0.00
82 T	4-Chlorotoluene	2.566	2.868	-11.8	114	0.00
83 T	tert-Butylbenzene	2.628	2.844	-8.2	110	0.00
84 T	1,2,4-Trimethylbenzene	3.064	3.347	-9.2	109	0.00
85 T	sec-Butylbenzene	3.744	4.187	-11.8	112	0.00
86 T	p-Isopropyltoluene	3.337	3.669	-9.9	111	0.00
87 T	1,3-Dichlorobenzene	1.641	1.754	-6.9	110	0.00
88 T	1,4-Dichlorobenzene	1.640	1.760	-7.3	110	0.00
89 T	n-Butylbenzene	3.291	3.738	-13.6	114	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.617	0.684	-10.9	111	0.00
91 T	1,2-Dichlorobenzene	1.489	1.611	-8.2	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.129	0.131	-1.6	106	0.00
93 T	1,2,4-Trichlorobenzene	1.014	1.048	-3.4	110	0.00
94 T	Hexachlorobutadiene	0.523	0.532	-1.7	103	0.00
95 T	Naphthalene	2.251	2.413	-7.2	111	0.00
96 T	1,2,3-Trichlorobenzene	0.910	0.949	-4.3	107	0.00

(#) = Out of Range

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