

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX090419\
 Data File : VX012041.D
 Acq On : 04 Sep 2019 10:04
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 04 13:23:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 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	108	0.00
2 T	Dichlorodifluoromethane	0.461	0.502	-8.9	127	0.00
3 P	Chloromethane	0.472	0.497	-5.3	120	0.00
4 C	Vinyl Chloride	0.444	0.482	-8.6#	123	0.00
5 T	Bromomethane	0.220	0.235	-6.8	122	0.00
6 T	Chloroethane	0.276	0.294	-6.5	122	0.00
7 T	Trichlorofluoromethane	0.690	0.794	-15.1	130	0.00
8 T	Diethyl Ether	0.238	0.244	-2.5	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.511	0.576	-12.7	127	0.00
10 T	Methyl Iodide	0.414	0.482	-16.4	115	0.00
11 T	Tert butyl alcohol	0.066	0.059	10.6	107	0.00
12 CM	1,1-Dichloroethene	0.492	0.535	-8.7#	122	0.00
13 T	Acrolein	0.021	0.028	-33.3#	187#	0.00
14 T	Allyl chloride	0.891	0.954	-7.1	119	0.00
15 T	Acrylonitrile	0.150	0.143	4.7	110	0.00
16 T	Acetone	0.165	0.164	0.6	113	0.00
17 T	Carbon Disulfide	1.439	1.650	-14.7	119	0.00
18 T	Methyl Acetate	0.388	0.352	9.3	109	0.00
19 T	Methyl tert-butyl Ether	1.603	1.608	-0.3	114	0.00
20 T	Methylene Chloride	0.662	0.614	7.3	112	0.00
21 T	trans-1,2-Dichloroethene	0.578	0.617	-6.7	118	0.00
22 T	Diisopropyl ether	1.816	1.862	-2.5	118	0.00
23 T	Vinyl Acetate	1.175	1.217	-3.6	113	0.00
24 P	1,1-Dichloroethane	1.053	1.091	-3.6	118	0.00
25 T	2-Butanone	0.210	0.210	0.0	112	0.00
26 T	2,2-Dichloropropane	0.972	1.035	-6.5	123	0.00
27 T	cis-1,2-Dichloroethene	0.677	0.695	-2.7	116	0.00
28 T	Bromochloromethane	0.420	0.408	2.9	106	0.00
29 T	Tetrahydrofuran	0.126	0.122	3.2	110	0.00
30 C	Chloroform	1.130	1.151	-1.9#	117	0.00
31 T	Cyclohexane	0.846	0.932	-10.2	125	0.00
32 T	1,1,1-Trichloroethane	0.984	1.069	-8.6	122	0.00
33 S	1,2-Dichloroethane-d4	0.690	0.678	1.7	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.307	0.308	-0.3	106	0.00
36 T	1,1-Dichloropropene	0.440	0.490	-11.4	120	0.00
37 T	Ethyl Acetate	0.239	0.244	-2.1	109	0.00
38 T	Carbon Tetrachloride	0.464	0.528	-13.8	126	0.00
39 T	Methylcyclohexane	0.511	0.573	-12.1	124	0.00
40 TM	Benzene	1.264	1.369	-8.3	117	0.00
41 T	Methacrylonitrile	0.143	0.146	-2.1	112	0.00
42 TM	1,2-Dichloroethane	0.455	0.487	-7.0	116	0.00
43 T	Isopropyl Acetate	0.487	0.501	-2.9	112	0.00
44 TM	Trichloroethene	0.341	0.372	-9.1	119	0.00
45 C	1,2-Dichloropropane	0.327	0.341	-4.3#	115	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.191	0.199	-4.2	115	0.00
47 T	Bromodichloromethane	0.485	0.515	-6.2	116	0.00
48 T	Methyl methacrylate	0.245	0.252	-2.9	111	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	103	0.00
50 S	Toluene-d8	1.128	1.193	-5.8	108	0.00
51 T	4-Methyl-2-Pentanone	0.248	0.250	-0.8	111	0.00
52 CM	Toluene	0.823	0.877	-6.6#	116	0.00
53 T	t-1,3-Dichloropropene	0.502	0.521	-3.8	114	0.00
54 T	cis-1,3-Dichloropropene	0.558	0.594	-6.5	117	0.00
55 T	1,1,2-Trichloroethane	0.273	0.277	-1.5	111	0.00
56 T	Ethyl methacrylate	0.390	0.400	-2.6	112	0.00
57 T	1,3-Dichloropropane	0.470	0.489	-4.0	114	0.00
58 T	2-Chloroethyl Vinyl ether	0.176	0.147	16.5	87	0.00
59 T	2-Hexanone	0.181	0.183	-1.1	112	0.00
60 T	Dibromochloromethane	0.325	0.338	-4.0	115	0.00
61 T	1,2-Dibromoethane	0.263	0.272	-3.4	113	0.00
62 S	4-Bromofluorobenzene	0.525	0.508	3.2	106	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64 T	Tetrachloroethene	0.312	0.346	-10.9	121	0.00
65 PM	Chlorobenzene	0.987	1.035	-4.9	114	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.389	-7.8	119	0.00
67 C	Ethyl Benzene	1.798	1.943	-8.1#	117	0.00
68 T	m/p-Xylenes	0.663	0.712	-7.4	116	0.00
69 T	o-Xylene	0.642	0.680	-5.9	115	0.00
70 T	Styrene	1.116	1.185	-6.2	113	0.00
71 P	Bromoform	0.198	0.208	-5.1	113	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.669	3.982	-8.5	117	0.00
74 T	N-amyl acetate	1.085	1.133	-4.4	113	0.00
75 P	1,1,2,2-Tetrachloroethane	0.765	0.779	-1.8	112	0.00
76 T	1,2,3-Trichloropropane	0.611	0.708	-15.9	129	0.00
77 T	Bromobenzene	0.820	0.871	-6.2	114	0.00
78 T	n-propylbenzene	4.432	4.867	-9.8	120	0.00
79 T	2-Chlorotoluene	2.685	2.882	-7.3	119	0.00
80 T	1,3,5-Trimethylbenzene	3.215	3.497	-8.8	119	0.00
81 T	trans-1,4-Dichloro-2-butene	0.258	0.262	-1.6	112	0.00
82 T	4-Chlorotoluene	3.200	3.426	-7.1	115	0.00
83 T	tert-Butylbenzene	3.064	3.264	-6.5	117	0.00
84 T	1,2,4-Trimethylbenzene	3.304	3.510	-6.2	115	0.00
85 T	sec-Butylbenzene	3.806	4.063	-6.8	117	0.00
86 T	p-Isopropyltoluene	3.461	3.662	-5.8	117	0.00
87 T	1,3-Dichlorobenzene	1.644	1.745	-6.1	118	0.00
88 T	1,4-Dichlorobenzene	1.644	1.693	-3.0	114	0.00
89 T	n-Butylbenzene	3.362	3.672	-9.2	120	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.691	0.721	-4.3	117	0.00
91 T	1,2-Dichlorobenzene	1.481	1.567	-5.8	116	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.160	0.162	-1.3	108	0.00
93 T	1,2,4-Trichlorobenzene	1.054	1.103	-4.6	116	0.00
94 T	Hexachlorobutadiene	0.531	0.556	-4.7	117	0.00
95 T	Naphthalene	2.281	2.401	-5.3	113	0.00
96 T	1,2,3-Trichlorobenzene	0.927	0.979	-5.6	115	0.00

(#) = Out of Range

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