

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX090419\
 Data File : VX012090.D
 Acq On : 05 Sep 2019 09:52
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 05 14:55:15 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	67	0.00
2 T	Dichlorodifluoromethane	0.461	0.431	6.5	68	0.00
3 P	Chloromethane	0.472	0.542	-14.8	82	0.00
4 C	Vinyl Chloride	0.444	0.468	-5.4#	74	0.00
5 T	Bromomethane	0.220	0.289	-31.4#	94	0.00
6 T	Chloroethane	0.276	0.321	-16.3	83	0.00
7 T	Trichlorofluoromethane	0.690	0.701	-1.6	72	0.00
8 T	Diethyl Ether	0.238	0.308	-29.4#	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.511	0.498	2.5	69	0.00
10 T	Methyl Iodide	0.414	0.375	9.4	56	0.00
11 T	Tert butyl alcohol	0.066	0.078	-18.2	89	0.00
12 CM	1,1-Dichloroethene	0.492	0.512	-4.1#	73	0.00
13 T	Acrolein	0.021	0.001	95.2#	5#	0.00
14 T	Allyl chloride	0.891	1.010	-13.4	79	0.00
15 T	Acrylonitrile	0.150	0.183	-22.0#	87	0.00
16 T	Acetone	0.165	0.160	3.0	69	0.00
17 T	Carbon Disulfide	1.439	1.605	-11.5	72	0.00
18 T	Methyl Acetate	0.388	0.854	-120.1#	165#	0.00
19 T	Methyl tert-butyl Ether	1.603	1.983	-23.7#	88	0.00
20 T	Methylene Chloride	0.662	0.739	-11.6	84	0.00
21 T	trans-1,2-Dichloroethene	0.578	0.650	-12.5	77	0.00
22 T	Diisopropyl ether	1.816	2.231	-22.9#	88	0.00
23 T	Vinyl Acetate	1.175	1.103	6.1	64	0.00
24 P	1,1-Dichloroethane	1.053	1.240	-17.8	84	0.00
25 T	2-Butanone	0.210	0.248	-18.1	82	0.00
26 T	2,2-Dichloropropane	0.972	0.759	21.9#	56	0.00
27 T	cis-1,2-Dichloroethene	0.677	0.794	-17.3	83	0.00
28 T	Bromochloromethane	0.420	0.523	-24.5#	85	0.00
29 T	Tetrahydrofuran	0.126	0.158	-25.4#	89	0.00
30 C	Chloroform	1.130	1.345	-19.0#	86	0.00
31 T	Cyclohexane	0.846	0.814	3.8	68	0.00
32 T	1,1,1-Trichloroethane	0.984	1.104	-12.2	79	0.00
33 S	1,2-Dichloroethane-d4	0.690	0.791	-14.6	78	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.00
35 S	Dibromofluoromethane	0.307	0.293	4.6	73	0.00
36 T	1,1-Dichloropropene	0.440	0.419	4.8	74	0.00
37 T	Ethyl Acetate	0.239	0.249	-4.2	80	0.00
38 T	Carbon Tetrachloride	0.464	0.441	5.0	76	0.00
39 T	Methylcyclohexane	0.511	0.424	17.0	67	0.00
40 TM	Benzene	1.264	1.329	-5.1	83	0.00
41 T	Methacrylonitrile	0.143	0.161	-12.6	89	0.00
42 TM	1,2-Dichloroethane	0.455	0.526	-15.6	91	0.00
43 T	Isopropyl Acetate	0.487	0.522	-7.2	85	0.00
44 TM	Trichloroethene	0.341	0.348	-2.1	81	0.00
45 C	1,2-Dichloropropane	0.327	0.351	-7.3#	86	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.191	0.213	-11.5	89	0.00
47 T	Bromodichloromethane	0.485	0.528	-8.9	86	0.00
48 T	Methyl methacrylate	0.245	0.282	-15.1	91	0.00
49 T	1,4-Dioxane	0.003	0.004	-33.3#	94	0.00
50 S	Toluene-d8	1.128	1.095	2.9	72	0.00
51 T	4-Methyl-2-Pentanone	0.248	0.276	-11.3	89	0.00
52 CM	Toluene	0.823	0.854	-3.8#	82	0.00
53 T	t-1,3-Dichloropropene	0.502	0.495	1.4	78	0.00
54 T	cis-1,3-Dichloropropene	0.558	0.548	1.8	78	0.00
55 T	1,1,2-Trichloroethane	0.273	0.291	-6.6	85	0.00
56 T	Ethyl methacrylate	0.390	0.419	-7.4	85	0.00
57 T	1,3-Dichloropropane	0.470	0.517	-10.0	88	0.00
58 T	2-Chloroethyl Vinyl ether	0.176	0.193	-9.7	83	0.00
59 T	2-Hexanone	0.181	0.193	-6.6	86	0.00
60 T	Dibromochloromethane	0.325	0.353	-8.6	87	0.00
61 T	1,2-Dibromoethane	0.263	0.288	-9.5	87	0.00
62 S	4-Bromofluorobenzene	0.525	0.487	7.2	74	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
64 T	Tetrachloroethene	0.312	0.372	-19.2	98	0.00
65 PM	Chlorobenzene	0.987	1.014	-2.7	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.379	-5.0	87	0.00
67 C	Ethyl Benzene	1.798	1.799	-0.1#	81	0.00
68 T	m/p-Xylenes	0.663	0.666	-0.5	81	0.00
69 T	o-Xylene	0.642	0.662	-3.1	84	0.00
70 T	Styrene	1.116	1.166	-4.5	84	0.00
71 P	Bromoform	0.198	0.209	-5.6	85	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73 T	Isopropylbenzene	3.669	3.468	5.5	81	0.00
74 T	N-amyl acetate	1.085	0.882	18.7	70	0.00
75 P	1,1,2,2-Tetrachloroethane	0.765	0.768	-0.4	88	0.00
76 T	1,2,3-Trichloropropane	0.611	0.669	-9.5	97	0.00
77 T	Bromobenzene	0.820	0.839	-2.3	87	0.00
78 T	n-propylbenzene	4.432	4.096	7.6	80	0.00
79 T	2-Chlorotoluene	2.685	2.620	2.4	86	0.00
80 T	1,3,5-Trimethylbenzene	3.215	3.105	3.4	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.258	0.194	24.8#	66	0.00
82 T	4-Chlorotoluene	3.200	3.160	1.3	84	0.00
83 T	tert-Butylbenzene	3.064	2.832	7.6	81	0.00
84 T	1,2,4-Trimethylbenzene	3.304	3.194	3.3	83	0.00
85 T	sec-Butylbenzene	3.806	3.455	9.2	79	0.00
86 T	p-Isopropyltoluene	3.461	2.982	13.8	75	0.00
87 T	1,3-Dichlorobenzene	1.644	1.611	2.0	87	0.00
88 T	1,4-Dichlorobenzene	1.644	1.661	-1.0	88	0.00
89 T	n-Butylbenzene	3.362	2.979	11.4	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.691	0.622	10.0	80	0.00
91 T	1,2-Dichlorobenzene	1.481	1.542	-4.1	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.160	0.165	-3.1	88	0.00
93 T	1,2,4-Trichlorobenzene	1.054	0.991	6.0	83	0.00
94 T	Hexachlorobutadiene	0.531	0.473	10.9	79	0.00
95 T	Naphthalene	2.281	2.362	-3.6	88	0.00
96 T	1,2,3-Trichlorobenzene	0.927	0.917	1.1	86	0.00

(#) = Out of Range

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