

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX090819\
 Data File : VX012236.D
 Acq On : 08 Sep 2019 21:19
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 09 03:37:52 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	69	0.00
2 T	Dichlorodifluoromethane	0.461	0.375	18.7	61	0.00
3 P	Chloromethane	0.472	0.460	2.5	71	0.00
4 C	Vinyl Chloride	0.444	0.418	5.9#	68	0.00
5 T	Bromomethane	0.220	0.231	-5.0	77	0.00
6 T	Chloroethane	0.276	0.284	-2.9	75	0.00
7 T	Trichlorofluoromethane	0.690	0.643	6.8	67	0.00
8 T	Diethyl Ether	0.238	0.273	-14.7	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.511	0.450	11.9	64	0.00
10 T	Methyl Iodide	0.414	0.274	33.8#	42#	0.00
11 T	Tert butyl alcohol	0.066	0.113	-71.2#	132	0.00
12 CM	1,1-Dichloroethene	0.492	0.443	10.0#	65	0.00
13 T	Acrolein	0.021	0.017	19.0	73	0.00
14 T	Allyl chloride	0.891	0.925	-3.8	74	0.00
15 T	Acrylonitrile	0.150	0.199	-32.7#	97	0.00
16 T	Acetone	0.165	0.183	-10.9	81	0.00
17 T	Carbon Disulfide	1.439	1.255	12.8	58	0.00
18 T	Methyl Acetate	0.388	0.484	-24.7#	96	0.00
19 T	Methyl tert-butyl Ether	1.603	1.877	-17.1	85	0.00
20 T	Methylene Chloride	0.662	0.632	4.5	74	0.00
21 T	trans-1,2-Dichloroethene	0.578	0.570	1.4	70	0.00
22 T	Diisopropyl ether	1.816	2.188	-20.5#	89	0.00
23 T	Vinyl Acetate	1.175	1.457	-24.0#	87	0.00
24 P	1,1-Dichloroethane	1.053	1.135	-7.8	79	0.00
25 T	2-Butanone	0.210	0.305	-45.2#	104	0.00
26 T	2,2-Dichloropropane	0.972	0.856	11.9	65	0.00
27 T	cis-1,2-Dichloroethene	0.677	0.733	-8.3	79	0.00
28 T	Bromochloromethane	0.420	0.432	-2.9	72	0.00
29 T	Tetrahydrofuran	0.126	0.177	-40.5#	103	0.00
30 C	Chloroform	1.130	1.329	-17.6#	87	0.00
31 T	Cyclohexane	0.846	0.720	14.9	62	0.00
32 T	1,1,1-Trichloroethane	0.984	1.019	-3.6	75	0.00
33 S	1,2-Dichloroethane-d4	0.690	0.808	-17.1	82	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.307	0.322	-4.9	76	0.00
36 T	1,1-Dichloropropene	0.440	0.401	8.9	68	0.00
37 T	Ethyl Acetate	0.239	0.327	-36.8#	101	0.00
38 T	Carbon Tetrachloride	0.464	0.438	5.6	72	0.00
39 T	Methylcyclohexane	0.511	0.411	19.6	62	0.00
40 TM	Benzene	1.264	1.301	-2.9	77	0.00
41 T	Methacrylonitrile	0.143	0.201	-40.6#	106	0.00
42 TM	1,2-Dichloroethane	0.455	0.566	-24.4#	94	0.00
43 T	Isopropyl Acetate	0.487	0.680	-39.6#	106	0.00
44 TM	Trichloroethene	0.341	0.348	-2.1	77	0.00
45 C	1,2-Dichloropropane	0.327	0.377	-15.3#	88	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	0.191	0.241	-26.2#	96	0.00
47 T	Bromodichloromethane	0.485	0.604	-24.5#	94	0.00
48 T	Methyl methacrylate	0.245	0.347	-41.6#	106	0.00
49 T	1,4-Dioxane	0.003	0.005	-66.7#	123	0.00
50 S	Toluene-d8	1.128	1.173	-4.0	74	0.00
51 T	4-Methyl-2-Pentanone	0.248	0.406	-63.7#	124	0.00
52 CM	Toluene	0.823	0.901	-9.5#	83	0.00
53 T	t-1,3-Dichloropropene	0.502	0.628	-25.1#	95	0.00
54 T	cis-1,3-Dichloropropene	0.558	0.651	-16.7	88	0.00
55 T	1,1,2-Trichloroethane	0.273	0.371	-35.9#	103	0.00
56 T	Ethyl methacrylate	0.390	0.553	-41.8#	107	0.00
57 T	1,3-Dichloropropane	0.470	0.632	-34.5#	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.176	0.187	-6.3	77	0.00
59 T	2-Hexanone	0.181	0.295	-63.0#	125	0.00
60 T	Dibromochloromethane	0.325	0.446	-37.2#	105	0.00
61 T	1,2-Dibromoethane	0.263	0.358	-36.1#	103	0.00
62 S	4-Bromofluorobenzene	0.525	0.526	-0.2	76	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
64 T	Tetrachloroethene	0.312	0.363	-16.3	92	0.00
65 PM	Chlorobenzene	0.987	1.143	-15.8	91	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.461	-27.7#	102	0.00
67 C	Ethyl Benzene	1.798	1.947	-8.3#	85	0.00
68 T	m/p-Xylenes	0.663	0.729	-10.0	85	0.00
69 T	o-Xylene	0.642	0.736	-14.6	90	0.00
70 T	Styrene	1.116	1.352	-21.1#	93	0.00
71 P	Bromoform	0.198	0.277	-39.9#	109	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73 T	Isopropylbenzene	3.669	3.820	-4.1	84	0.00
74 T	N-amyl acetate	1.085	1.557	-43.5#	116	0.00
75 P	1,1,2,2-Tetrachloroethane	0.765	1.066	-39.3#	115	0.00
76 T	1,2,3-Trichloropropane	0.611	0.842	-37.8#	115	0.00
77 T	Bromobenzene	0.820	0.993	-21.1#	97	0.00
78 T	n-propylbenzene	4.432	4.550	-2.7	84	0.00
79 T	2-Chlorotoluene	2.685	2.977	-10.9	92	0.00
80 T	1,3,5-Trimethylbenzene	3.215	3.428	-6.6	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.258	0.314	-21.7#	101	0.00
82 T	4-Chlorotoluene	3.200	3.629	-13.4	91	0.00
83 T	tert-Butylbenzene	3.064	3.231	-5.5	87	0.00
84 T	1,2,4-Trimethylbenzene	3.304	3.575	-8.2	88	0.00
85 T	sec-Butylbenzene	3.806	3.791	0.4	82	0.00
86 T	p-Isopropyltoluene	3.461	3.501	-1.2	84	0.00
87 T	1,3-Dichlorobenzene	1.644	1.868	-13.6	95	0.00
88 T	1,4-Dichlorobenzene	1.644	1.847	-12.3	93	0.00
89 T	n-Butylbenzene	3.362	3.272	2.7	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.691	0.681	1.4	83	0.00
91 T	1,2-Dichlorobenzene	1.481	1.808	-22.1#	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.160	0.223	-39.4#	112	0.00
93 T	1,2,4-Trichlorobenzene	1.054	1.137	-7.9	90	0.00
94 T	Hexachlorobutadiene	0.531	0.547	-3.0	86	0.00
95 T	Naphthalene	2.281	2.875	-26.0#	102	0.00
96 T	1,2,3-Trichlorobenzene	0.927	1.037	-11.9	92	0.00

(#) = Out of Range

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