

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX090819\
 Data File : VX012212.D
 Acq On : 08 Sep 2019 10:08
 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 09 01:56:50 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	82	0.00
2 T	Dichlorodifluoromethane	0.461	0.459	0.4	88	0.00
3 P	Chloromethane	0.472	0.499	-5.7	92	0.00
4 C	Vinyl Chloride	0.444	0.479	-7.9#	92	0.00
5 T	Bromomethane	0.220	0.255	-15.9	101	0.00
6 T	Chloroethane	0.276	0.304	-10.1	96	0.00
7 T	Trichlorofluoromethane	0.690	0.780	-13.0	97	0.00
8 T	Diethyl Ether	0.238	0.266	-11.8	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.511	0.539	-5.5	91	0.00
10 T	Methyl Iodide	0.414	0.435	-5.1	79	0.00
11 T	Tert butyl alcohol	0.066	0.058	12.1	80	0.00
12 CM	1,1-Dichloroethene	0.492	0.510	-3.7#	88	0.00
13 T	Acrolein	0.021	0.015	28.6#	76	0.00
14 T	Allyl chloride	0.891	0.956	-7.3	90	0.00
15 T	Acrylonitrile	0.150	0.151	-0.7	88	0.00
16 T	Acetone	0.165	0.198	-20.0	104	0.00
17 T	Carbon Disulfide	1.439	1.447	-0.6	79	0.00
18 T	Methyl Acetate	0.388	0.376	3.1	88	0.00
19 T	Methyl tert-butyl Ether	1.603	1.635	-2.0	88	0.00
20 T	Methylene Chloride	0.662	0.615	7.1	85	0.00
21 T	trans-1,2-Dichloroethene	0.578	0.596	-3.1	86	0.00
22 T	Diisopropyl ether	1.816	1.937	-6.7	93	0.00
23 T	Vinyl Acetate	1.175	1.270	-8.1	90	0.00
24 P	1,1-Dichloroethane	1.053	1.102	-4.7	91	0.00
25 T	2-Butanone	0.210	0.229	-9.0	93	0.00
26 T	2,2-Dichloropropane	0.972	1.068	-9.9	96	0.00
27 T	cis-1,2-Dichloroethene	0.677	0.696	-2.8	88	0.00
28 T	Bromochloromethane	0.420	0.423	-0.7	83	0.00
29 T	Tetrahydrofuran	0.126	0.128	-1.6	88	0.00
30 C	Chloroform	1.130	1.189	-5.2#	92	0.00
31 T	Cyclohexane	0.846	0.851	-0.6	87	0.00
32 T	1,1,1-Trichloroethane	0.984	1.068	-8.5	93	0.00
33 S	1,2-Dichloroethane-d4	0.690	0.734	-6.4	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
35 S	Dibromofluoromethane	0.307	0.336	-9.4	86	0.00
36 T	1,1-Dichloropropene	0.440	0.488	-10.9	90	0.00
37 T	Ethyl Acetate	0.239	0.264	-10.5	88	0.00
38 T	Carbon Tetrachloride	0.464	0.518	-11.6	93	0.00
39 T	Methylcyclohexane	0.511	0.525	-2.7	86	0.00
40 TM	Benzene	1.264	1.377	-8.9	89	0.00
41 T	Methacrylonitrile	0.143	0.153	-7.0	88	0.00
42 TM	1,2-Dichloroethane	0.455	0.523	-14.9	94	0.00
43 T	Isopropyl Acetate	0.487	0.532	-9.2	90	0.00
44 TM	Trichloroethene	0.341	0.371	-8.8	89	0.00
45 C	1,2-Dichloropropane	0.327	0.349	-6.7#	89	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	0.203	-6.3	88	0.00
47 T	Bromodichloromethane	0.485	0.523	-7.8	88	0.00
48 T	Methyl methacrylate	0.245	0.261	-6.5	87	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	80	0.00
50 S	Toluene-d8	1.128	1.218	-8.0	83	0.00
51 T	4-Methyl-2-Pentanone	0.248	0.268	-8.1	89	0.00
52 CM	Toluene	0.823	0.896	-8.9#	89	0.00
53 T	t-1,3-Dichloropropene	0.502	0.531	-5.8	87	0.00
54 T	cis-1,3-Dichloropropene	0.558	0.605	-8.4	89	0.00
55 T	1,1,2-Trichloroethane	0.273	0.289	-5.9	87	0.00
56 T	Ethyl methacrylate	0.390	0.404	-3.6	85	0.00
57 T	1,3-Dichloropropane	0.470	0.508	-8.1	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.176	0.159	9.7	71	0.00
59 T	2-Hexanone	0.181	0.200	-10.5	92	0.00
60 T	Dibromochloromethane	0.325	0.346	-6.5	88	0.00
61 T	1,2-Dibromoethane	0.263	0.281	-6.8	87	0.00
62 S	4-Bromofluorobenzene	0.525	0.540	-2.9	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64 T	Tetrachloroethene	0.312	0.332	-6.4	90	0.00
65 PM	Chlorobenzene	0.987	1.052	-6.6	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.393	-8.9	93	0.00
67 C	Ethyl Benzene	1.798	1.938	-7.8#	90	0.00
68 T	m/p-Xylenes	0.663	0.709	-6.9	89	0.00
69 T	o-Xylene	0.642	0.677	-5.5	88	0.00
70 T	Styrene	1.116	1.203	-7.8	89	0.00
71 P	Bromoform	0.198	0.200	-1.0	84	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73 T	Isopropylbenzene	3.669	3.822	-4.2	91	0.00
74 T	N-amyl acetate	1.085	1.100	-1.4	89	0.00
75 P	1,1,2,2-Tetrachloroethane	0.765	0.751	1.8	87	0.00
76 T	1,2,3-Trichloropropane	0.611	0.586	4.1	86	0.00
77 T	Bromobenzene	0.820	0.873	-6.5	92	0.00
78 T	n-propylbenzene	4.432	4.547	-2.6	90	0.00
79 T	2-Chlorotoluene	2.685	2.813	-4.8	94	0.00
80 T	1,3,5-Trimethylbenzene	3.215	3.390	-5.4	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.258	0.233	9.7	80	0.00
82 T	4-Chlorotoluene	3.200	3.312	-3.5	90	0.00
83 T	tert-Butylbenzene	3.064	3.276	-6.9	95	0.00
84 T	1,2,4-Trimethylbenzene	3.304	3.469	-5.0	92	0.00
85 T	sec-Butylbenzene	3.806	3.960	-4.0	92	0.00
86 T	p-Isopropyltoluene	3.461	3.634	-5.0	93	0.00
87 T	1,3-Dichlorobenzene	1.644	1.751	-6.5	96	0.00
88 T	1,4-Dichlorobenzene	1.644	1.726	-5.0	93	0.00
89 T	n-Butylbenzene	3.362	3.541	-5.3	93	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.691	0.677	2.0	89	0.00
91 T	1,2-Dichlorobenzene	1.481	1.533	-3.5	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.160	0.149	6.9	80	0.00
93 T	1,2,4-Trichlorobenzene	1.054	1.085	-2.9	92	0.00
94 T	Hexachlorobutadiene	0.531	0.587	-10.5	99	0.00
95 T	Naphthalene	2.281	2.263	0.8	86	0.00
96 T	1,2,3-Trichlorobenzene	0.927	0.937	-1.1	89	0.00

(#) = Out of Range

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