

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX090519\
 Data File : VX012092.D
 Acq On : 05 Sep 2019 10:54
 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 06 05:52:13 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	93	0.00
2 T	Dichlorodifluoromethane	0.461	0.481	-4.3	105	0.00
3 P	Chloromethane	0.472	0.503	-6.6	105	0.00
4 C	Vinyl Chloride	0.444	0.477	-7.4#	105	0.00
5 T	Bromomethane	0.220	0.286	-30.0#	128	0.00
6 T	Chloroethane	0.276	0.308	-11.6	110	0.00
7 T	Trichlorofluoromethane	0.690	0.781	-13.2	111	0.00
8 T	Diethyl Ether	0.238	0.251	-5.5	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.511	0.557	-9.0	106	0.00
10 T	Methyl Iodide	0.414	0.450	-8.7	93	0.00
11 T	Tert butyl alcohol	0.066	0.055	16.7	86	0.00
12 CM	1,1-Dichloroethene	0.492	0.528	-7.3#	104	0.00
13 T	Acrolein	0.021	0.013	38.1#	73	0.00
14 T	Allyl chloride	0.891	0.980	-10.0	105	0.00
15 T	Acrylonitrile	0.150	0.144	4.0	95	0.00
16 T	Acetone	0.165	0.164	0.6	98	0.00
17 T	Carbon Disulfide	1.439	1.618	-12.4	101	0.00
18 T	Methyl Acetate	0.388	0.360	7.2	96	0.00
19 T	Methyl tert-butyl Ether	1.603	1.610	-0.4	99	0.00
20 T	Methylene Chloride	0.662	0.628	5.1	99	0.00
21 T	trans-1,2-Dichloroethene	0.578	0.614	-6.2	101	0.00
22 T	Diisopropyl ether	1.816	1.905	-4.9	104	0.00
23 T	Vinyl Acetate	1.175	1.245	-6.0	100	0.00
24 P	1,1-Dichloroethane	1.053	1.125	-6.8	105	0.00
25 T	2-Butanone	0.210	0.210	0.0	96	0.00
26 T	2,2-Dichloropropane	0.972	1.088	-11.9	111	0.00
27 T	cis-1,2-Dichloroethene	0.677	0.712	-5.2	103	0.00
28 T	Bromochloromethane	0.420	0.349	16.9	78	0.00
29 T	Tetrahydrofuran	0.126	0.119	5.6	93	0.00
30 C	Chloroform	1.130	1.191	-5.4#	105	0.00
31 T	Cyclohexane	0.846	0.889	-5.1	103	0.00
32 T	1,1,1-Trichloroethane	0.984	1.086	-10.4	107	0.00
33 S	1,2-Dichloroethane-d4	0.690	0.677	1.9	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.307	0.303	1.3	90	0.00
36 T	1,1-Dichloropropene	0.440	0.486	-10.5	103	0.00
37 T	Ethyl Acetate	0.239	0.243	-1.7	94	0.00
38 T	Carbon Tetrachloride	0.464	0.523	-12.7	108	0.00
39 T	Methylcyclohexane	0.511	0.549	-7.4	103	0.00
40 TM	Benzene	1.264	1.379	-9.1	102	0.00
41 T	Methacrylonitrile	0.143	0.150	-4.9	99	0.00
42 TM	1,2-Dichloroethane	0.455	0.507	-11.4	105	0.00
43 T	Isopropyl Acetate	0.487	0.507	-4.1	99	0.00
44 TM	Trichloroethene	0.341	0.370	-8.5	103	0.00
45 C	1,2-Dichloropropane	0.327	0.345	-5.5#	101	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.191	0.203	-6.3	101	0.00
47 T	Bromodichloromethane	0.485	0.515	-6.2	100	0.00
48 T	Methyl methacrylate	0.245	0.253	-3.3	97	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	88	0.00
50 S	Toluene-d8	1.128	1.161	-2.9	91	0.00
51 T	4-Methyl-2-Pentanone	0.248	0.249	-0.4	95	0.00
52 CM	Toluene	0.823	0.894	-8.6#	102	0.00
53 T	t-1,3-Dichloropropene	0.502	0.525	-4.6	99	0.00
54 T	cis-1,3-Dichloropropene	0.558	0.590	-5.7	100	0.00
55 T	1,1,2-Trichloroethane	0.273	0.279	-2.2	97	0.00
56 T	Ethyl methacrylate	0.390	0.393	-0.8	95	0.00
57 T	1,3-Dichloropropane	0.470	0.489	-4.0	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.176	0.162	8.0	83	0.00
59 T	2-Hexanone	0.181	0.184	-1.7	98	0.00
60 T	Dibromochloromethane	0.325	0.342	-5.2	101	0.00
61 T	1,2-Dibromoethane	0.263	0.273	-3.8	98	0.00
62 S	4-Bromofluorobenzene	0.525	0.494	5.9	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.312	0.338	-8.3	103	0.00
65 PM	Chlorobenzene	0.987	1.053	-6.7	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.390	-8.0	104	0.00
67 C	Ethyl Benzene	1.798	1.969	-9.5#	103	0.00
68 T	m/p-Xylenes	0.663	0.720	-8.6	102	0.00
69 T	o-Xylene	0.642	0.686	-6.9	101	0.00
70 T	Styrene	1.116	1.201	-7.6	100	0.00
71 P	Bromoform	0.198	0.202	-2.0	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	3.669	3.969	-8.2	103	0.00
74 T	N-amyl acetate	1.085	1.090	-0.5	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.765	0.741	3.1	94	0.00
76 T	1,2,3-Trichloropropane	0.611	0.588	3.8	95	0.00
77 T	Bromobenzene	0.820	0.861	-5.0	99	0.00
78 T	n-propylbenzene	4.432	4.828	-8.9	105	0.00
79 T	2-Chlorotoluene	2.685	2.928	-9.1	106	0.00
80 T	1,3,5-Trimethylbenzene	3.215	3.509	-9.1	105	0.00
81 T	trans-1,4-Dichloro-2-butene	0.258	0.247	4.3	93	0.00
82 T	4-Chlorotoluene	3.200	3.462	-8.2	102	0.00
83 T	tert-Butylbenzene	3.064	3.391	-10.7	107	0.00
84 T	1,2,4-Trimethylbenzene	3.304	3.543	-7.2	103	0.00
85 T	sec-Butylbenzene	3.806	4.076	-7.1	103	0.00
86 T	p-Isopropyltoluene	3.461	3.709	-7.2	104	0.00
87 T	1,3-Dichlorobenzene	1.644	1.720	-4.6	103	0.00
88 T	1,4-Dichlorobenzene	1.644	1.746	-6.2	103	0.00
89 T	n-Butylbenzene	3.362	3.676	-9.3	106	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	0.705	-2.0	101	0.00
91 T	1,2-Dichlorobenzene	1.481	1.574	-6.3	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.160	0.153	4.4	91	0.00
93 T	1,2,4-Trichlorobenzene	1.054	1.051	0.3	98	0.00
94 T	Hexachlorobutadiene	0.531	0.561	-5.6	104	0.00
95 T	Naphthalene	2.281	2.208	3.2	92	0.00
96 T	1,2,3-Trichlorobenzene	0.927	0.911	1.7	95	0.00

(#) = Out of Range

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