

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX020419\
 Data File : VX007350.D
 Acq On : 04 Feb 2019 10:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 05 00:02:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 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	103	0.00
2 T	Dichlorodifluoromethane	0.557	0.629	-12.9	103	0.00
3 P	Chloromethane	0.563	0.551	2.1	103	0.00
4 C	Vinyl Chloride	0.552	0.560	-1.4#	101	0.00
5 T	Bromomethane	0.629	0.545	13.4	101	0.00
6 T	Chloroethane	0.357	0.335	6.2	101	0.00
7 T	Trichlorofluoromethane	0.864	0.843	2.4	103	0.00
8 T	Diethyl Ether	0.325	0.300	7.7	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.514	0.500	2.7	106	0.00
10 T	Methyl Iodide	0.756	0.743	1.7	99	0.00
11 T	Tert butyl alcohol	0.110	0.098	10.9	101	0.00
12 CM	1,1-Dichloroethene	0.477	0.444	6.9#	102	0.00
13 T	Acrolein	0.052	0.066	-26.9#	130	0.00
14 T	Allyl chloride	0.778	0.762	2.1	104	0.00
15 T	Acrylonitrile	0.272	0.259	4.8	108	0.00
16 T	Acetone	0.243	0.243	0.0	111	0.00
17 T	Carbon Disulfide	1.260	1.213	3.7	107	0.00
18 T	Methyl Acetate	0.688	0.635	7.7	107	0.00
19 T	Methyl tert-butyl Ether	1.547	1.454	6.0	104	0.00
20 T	Methylene Chloride	0.550	0.492	10.5	104	0.00
21 T	trans-1,2-Dichloroethene	0.509	0.474	6.9	103	0.00
22 T	Diisopropyl ether	1.431	1.372	4.1	103	0.00
23 T	Vinyl Acetate	1.187	1.191	-0.3	105	0.00
24 P	1,1-Dichloroethane	0.822	0.823	-0.1	108	0.00
25 T	2-Butanone	0.346	0.334	3.5	107	0.00
26 T	2,2-Dichloropropane	0.626	0.621	0.8	103	0.00
27 T	cis-1,2-Dichloroethene	0.555	0.506	8.8	102	0.00
28 T	Bromochloromethane	0.378	0.379	-0.3	104	0.00
29 T	Tetrahydrofuran	0.218	0.215	1.4	108	0.00
30 C	Chloroform	0.857	0.809	5.6#	102	0.00
31 T	Cyclohexane	0.738	0.722	2.2	105	0.00
32 T	1,1,1-Trichloroethane	0.724	0.718	0.8	104	0.00
33 S	1,2-Dichloroethane-d4	0.531	0.513	3.4	104	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.325	0.326	-0.3	103	0.00
36 T	1,1-Dichloropropene	0.449	0.430	4.2	103	0.00
37 T	Ethyl Acetate	0.453	0.438	3.3	106	0.00
38 T	Carbon Tetrachloride	0.435	0.457	-5.1	105	0.00
39 T	Methylcyclohexane	0.543	0.561	-3.3	107	0.00
40 TM	Benzene	1.321	1.278	3.3	102	0.00
41 T	Methacrylonitrile	0.243	0.250	-2.9	107	0.00
42 TM	1,2-Dichloroethane	0.457	0.437	4.4	102	0.00
43 T	Isopropyl Acetate	0.700	0.710	-1.4	105	0.00
44 TM	Trichloroethene	0.398	0.383	3.8	101	0.00
45 C	1,2-Dichloropropane	0.331	0.323	2.4#	102	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	0.241	0.230	4.6	104	0.00
47 T	Bromodichloromethane	0.408	0.419	-2.7	106	0.00
48 T	Methyl methacrylate	0.350	0.369	-5.4	105	0.00
49 T	1,4-Dioxane	0.009	0.007	22.2#	95	0.00
50 S	Toluene-d8	1.207	1.239	-2.7	104	0.00
51 T	4-Methyl-2-Pentanone	0.461	0.469	-1.7	104	0.00
52 CM	Toluene	0.853	0.847	0.7#	103	0.00
53 T	t-1,3-Dichloropropene	0.438	0.475	-8.4	105	0.00
54 T	cis-1,3-Dichloropropene	0.482	0.514	-6.6	104	0.00
55 T	1,1,2-Trichloroethane	0.355	0.343	3.4	103	0.00
56 T	Ethyl methacrylate	0.492	0.501	-1.8	102	0.00
57 T	1,3-Dichloropropane	0.565	0.553	2.1	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.259	0.273	-5.4	105	0.00
59 T	2-Hexanone	0.359	0.358	0.3	105	0.00
60 T	Dibromochloromethane	0.336	0.371	-10.4	104	0.00
61 T	1,2-Dibromoethane	0.376	0.376	0.0	103	0.00
62 S	4-Bromofluorobenzene	0.441	0.456	-3.4	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.471	0.449	4.7	104	0.00
65 PM	Chlorobenzene	1.091	1.035	5.1	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.379	-3.6	105	0.00
67 C	Ethyl Benzene	1.757	1.741	0.9#	104	0.00
68 T	m/p-Xylenes	0.698	0.691	1.0	102	0.00
69 T	o-Xylene	0.672	0.665	1.0	102	0.00
70 T	Styrene	1.090	1.091	-0.1	102	0.00
71 P	Bromoform	0.283	0.306	-8.1	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.398	3.345	1.6	105	0.00
74 T	N-amyl acetate	1.314	1.287	2.1	103	0.00
75 P	1,1,2,2-Tetrachloroethane	1.036	0.980	5.4	104	0.00
76 T	1,2,3-Trichloropropane	0.973	0.962	1.1	103	0.00
77 T	Bromobenzene	0.957	0.898	6.2	101	0.00
78 T	n-propylbenzene	3.726	3.816	-2.4	105	0.00
79 T	2-Chlorotoluene	2.261	2.187	3.3	103	0.00
80 T	1,3,5-Trimethylbenzene	2.780	2.787	-0.3	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.280	0.307	-9.6	109	0.00
82 T	4-Chlorotoluene	2.616	2.607	0.3	103	0.00
83 T	tert-Butylbenzene	2.752	2.712	1.5	104	0.00
84 T	1,2,4-Trimethylbenzene	2.822	2.828	-0.2	103	0.00
85 T	sec-Butylbenzene	3.331	3.405	-2.2	104	0.00
86 T	p-Isopropyltoluene	3.007	3.095	-2.9	105	0.00
87 T	1,3-Dichlorobenzene	1.718	1.636	4.8	103	0.00
88 T	1,4-Dichlorobenzene	1.743	1.618	7.2	102	0.00
89 T	n-Butylbenzene	2.587	2.653	-2.6	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.450	0.501	-11.3	111	0.00
91 T	1,2-Dichlorobenzene	1.710	1.603	6.3	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.215	0.213	0.9	107	0.00
93 T	1,2,4-Trichlorobenzene	1.153	1.153	0.0	105	0.00
94 T	Hexachlorobutadiene	0.560	0.563	-0.5	109	0.00
95 T	Naphthalene	3.372	3.324	1.4	104	0.00
96 T	1,2,3-Trichlorobenzene	1.161	1.121	3.4	104	0.00

(#) = Out of Range

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