

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX021419\
 Data File : VX007512.D
 Acq On : 13 Feb 2019 10:53
 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 13 14:57:11 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	99	0.00
2 T	Dichlorodifluoromethane	0.557	0.546	2.0	86	0.00
3 P	Chloromethane	0.563	0.457	18.8	82	0.00
4 C	Vinyl Chloride	0.552	0.512	7.2#	89	0.00
5 T	Bromomethane	0.629	0.463	26.4#	82	0.00
6 T	Chloroethane	0.357	0.320	10.4	93	0.00
7 T	Trichlorofluoromethane	0.864	0.802	7.2	94	0.00
8 T	Diethyl Ether	0.325	0.300	7.7	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.514	0.477	7.2	97	0.00
10 T	Methyl Iodide	0.756	0.633	16.3	81	0.00
11 T	Tert butyl alcohol	0.110	0.105	4.5	104	0.00
12 CM	1,1-Dichloroethene	0.477	0.427	10.5#	94	0.00
13 T	Acrolein	0.052	0.050	3.8	95	0.00
14 T	Allyl chloride	0.778	0.735	5.5	96	0.00
15 T	Acrylonitrile	0.272	0.262	3.7	104	0.00
16 T	Acetone	0.243	0.280	-15.2	122	0.00
17 T	Carbon Disulfide	1.260	1.056	16.2	89	0.00
18 T	Methyl Acetate	0.688	0.702	-2.0	114	0.00
19 T	Methyl tert-butyl Ether	1.547	1.442	6.8	99	0.00
20 T	Methylene Chloride	0.550	0.469	14.7	95	0.00
21 T	trans-1,2-Dichloroethene	0.509	0.451	11.4	94	0.00
22 T	Diisopropyl ether	1.431	1.434	-0.2	104	0.00
23 T	Vinyl Acetate	1.187	1.238	-4.3	105	0.00
24 P	1,1-Dichloroethane	0.822	0.810	1.5	102	0.00
25 T	2-Butanone	0.346	0.372	-7.5	115	0.00
26 T	2,2-Dichloropropane	0.626	0.629	-0.5	100	0.00
27 T	cis-1,2-Dichloroethene	0.555	0.514	7.4	99	0.00
28 T	Bromochloromethane	0.378	0.372	1.6	98	0.00
29 T	Tetrahydrofuran	0.218	0.226	-3.7	109	0.00
30 C	Chloroform	0.857	0.844	1.5#	102	0.00
31 T	Cyclohexane	0.738	0.694	6.0	97	0.00
32 T	1,1,1-Trichloroethane	0.724	0.726	-0.3	100	0.00
33 S	1,2-Dichloroethane-d4	0.531	0.526	0.9	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.325	0.339	-4.3	105	0.00
36 T	1,1-Dichloropropene	0.449	0.416	7.3	97	0.00
37 T	Ethyl Acetate	0.453	0.448	1.1	106	0.00
38 T	Carbon Tetrachloride	0.435	0.448	-3.0	101	0.00
39 T	Methylcyclohexane	0.543	0.528	2.8	98	0.00
40 TM	Benzene	1.321	1.271	3.8	99	0.00
41 T	Methacrylonitrile	0.243	0.252	-3.7	105	0.00
42 TM	1,2-Dichloroethane	0.457	0.437	4.4	100	0.00
43 T	Isopropyl Acetate	0.700	0.710	-1.4	102	0.00
44 TM	Trichloroethene	0.398	0.377	5.3	97	0.00
45 C	1,2-Dichloropropane	0.331	0.319	3.6#	99	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	0.233	3.3	103	0.00
47 T	Bromodichloromethane	0.408	0.423	-3.7	104	0.00
48 T	Methyl methacrylate	0.350	0.360	-2.9	101	0.00
49 T	1,4-Dioxane	0.009	0.008	11.1	104	0.00
50 S	Toluene-d8	1.207	1.197	0.8	98	0.00
51 T	4-Methyl-2-Pentanone	0.461	0.465	-0.9	101	0.00
52 CM	Toluene	0.853	0.806	5.5#	96	0.00
53 T	t-1,3-Dichloropropene	0.438	0.457	-4.3	99	0.00
54 T	cis-1,3-Dichloropropene	0.482	0.506	-5.0	100	0.00
55 T	1,1,2-Trichloroethane	0.355	0.345	2.8	102	0.00
56 T	Ethyl methacrylate	0.492	0.489	0.6	98	0.00
57 T	1,3-Dichloropropane	0.565	0.544	3.7	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.259	0.261	-0.8	98	0.00
59 T	2-Hexanone	0.359	0.361	-0.6	103	0.00
60 T	Dibromochloromethane	0.336	0.368	-9.5	101	0.00
61 T	1,2-Dibromoethane	0.376	0.373	0.8	100	0.00
62 S	4-Bromofluorobenzene	0.441	0.430	2.5	95	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.471	0.416	11.7	89	0.00
65 PM	Chlorobenzene	1.091	1.031	5.5	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.382	-4.4	99	0.00
67 C	Ethyl Benzene	1.757	1.699	3.3#	95	0.00
68 T	m/p-Xylenes	0.698	0.663	5.0	92	0.00
69 T	o-Xylene	0.672	0.652	3.0	93	0.00
70 T	Styrene	1.090	1.064	2.4	93	0.00
71 P	Bromoform	0.283	0.307	-8.5	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	3.398	3.464	-1.9	95	0.00
74 T	N-amyl acetate	1.314	1.362	-3.7	95	0.00
75 P	1,1,2,2-Tetrachloroethane	1.036	1.081	-4.3	101	0.00
76 T	1,2,3-Trichloropropane	0.973	0.909	6.6	86	0.00
77 T	Bromobenzene	0.957	0.920	3.9	91	0.00
78 T	n-propylbenzene	3.726	3.891	-4.4	94	0.00
79 T	2-Chlorotoluene	2.261	2.237	1.1	92	0.00
80 T	1,3,5-Trimethylbenzene	2.780	2.836	-2.0	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.280	0.323	-15.4	100	0.00
82 T	4-Chlorotoluene	2.616	2.619	-0.1	91	0.00
83 T	tert-Butylbenzene	2.752	2.846	-3.4	95	0.00
84 T	1,2,4-Trimethylbenzene	2.822	2.911	-3.2	93	0.00
85 T	sec-Butylbenzene	3.331	3.476	-4.4	93	0.00
86 T	p-Isopropyltoluene	3.007	3.152	-4.8	93	0.00
87 T	1,3-Dichlorobenzene	1.718	1.678	2.3	92	0.00
88 T	1,4-Dichlorobenzene	1.743	1.678	3.7	92	0.00
89 T	n-Butylbenzene	2.587	2.722	-5.2	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.450	0.524	-16.4	101	0.00
91 T	1,2-Dichlorobenzene	1.710	1.661	2.9	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.215	0.237	-10.2	104	0.00
93 T	1,2,4-Trichlorobenzene	1.153	1.145	0.7	92	0.00
94 T	Hexachlorobutadiene	0.560	0.551	1.6	93	0.00
95 T	Naphthalene	3.372	3.527	-4.6	96	0.00
96 T	1,2,3-Trichlorobenzene	1.161	1.152	0.8	94	0.00

(#) = Out of Range

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