

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX020519\
 Data File : VX007365.D
 Acq On : 05 Feb 2019 09:44
 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 06 00:29:47 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	104	0.00
2 T	Dichlorodifluoromethane	0.557	0.689	-23.7#	114	0.00
3 P	Chloromethane	0.563	0.591	-5.0	111	0.00
4 C	Vinyl Chloride	0.552	0.615	-11.4#	112	0.00
5 T	Bromomethane	0.629	0.602	4.3	112	0.00
6 T	Chloroethane	0.357	0.377	-5.6	115	0.00
7 T	Trichlorofluoromethane	0.864	0.941	-8.9	116	0.00
8 T	Diethyl Ether	0.325	0.339	-4.3	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.514	0.550	-7.0	117	0.00
10 T	Methyl Iodide	0.756	0.830	-9.8	111	0.00
11 T	Tert butyl alcohol	0.110	0.117	-6.4	122	0.00
12 CM	1,1-Dichloroethene	0.477	0.492	-3.1#	114	0.00
13 T	Acrolein	0.052	0.058	-11.5	115	0.00
14 T	Allyl chloride	0.778	0.839	-7.8	115	0.00
15 T	Acrylonitrile	0.272	0.290	-6.6	121	0.00
16 T	Acetone	0.243	0.290	-19.3	133	0.00
17 T	Carbon Disulfide	1.260	1.309	-3.9	116	0.00
18 T	Methyl Acetate	0.688	0.727	-5.7	124	0.00
19 T	Methyl tert-butyl Ether	1.547	1.622	-4.8	117	0.00
20 T	Methylene Chloride	0.550	0.552	-0.4	117	0.00
21 T	trans-1,2-Dichloroethene	0.509	0.526	-3.3	115	0.00
22 T	Diisopropyl ether	1.431	1.543	-7.8	117	0.00
23 T	Vinyl Acetate	1.187	1.336	-12.6	119	0.00
24 P	1,1-Dichloroethane	0.822	0.920	-11.9	122	0.00
25 T	2-Butanone	0.346	0.388	-12.1	126	0.00
26 T	2,2-Dichloropropane	0.626	0.704	-12.5	118	0.00
27 T	cis-1,2-Dichloroethene	0.555	0.561	-1.1	113	0.00
28 T	Bromochloromethane	0.378	0.375	0.8	104	0.00
29 T	Tetrahydrofuran	0.218	0.246	-12.8	124	0.00
30 C	Chloroform	0.857	0.921	-7.5#	117	0.00
31 T	Cyclohexane	0.738	0.795	-7.7	116	0.00
32 T	1,1,1-Trichloroethane	0.724	0.810	-11.9	118	0.00
33 S	1,2-Dichloroethane-d4	0.531	0.511	3.8	104	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
35 S	Dibromofluoromethane	0.325	0.323	0.6	103	0.00
36 T	1,1-Dichloropropene	0.449	0.485	-8.0	117	0.00
37 T	Ethyl Acetate	0.453	0.495	-9.3	121	0.00
38 T	Carbon Tetrachloride	0.435	0.510	-17.2	119	0.00
39 T	Methylcyclohexane	0.543	0.614	-13.1	118	0.00
40 TM	Benzene	1.321	1.432	-8.4	116	0.00
41 T	Methacrylonitrile	0.243	0.278	-14.4	120	0.00
42 TM	1,2-Dichloroethane	0.457	0.486	-6.3	115	0.00
43 T	Isopropyl Acetate	0.700	0.797	-13.9	119	0.00
44 TM	Trichloroethene	0.398	0.431	-8.3	115	0.00
45 C	1,2-Dichloropropane	0.331	0.361	-9.1#	116	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.241	0.254	-5.4	116	0.00
47 T	Bromodichloromethane	0.408	0.471	-15.4	120	0.00
48 T	Methyl methacrylate	0.350	0.412	-17.7	119	0.00
49 T	1,4-Dioxane	0.009	0.009	0.0	125	0.00
50 S	Toluene-d8	1.207	1.231	-2.0	104	0.00
51 T	4-Methyl-2-Pentanone	0.461	0.527	-14.3	118	0.00
52 CM	Toluene	0.853	0.933	-9.4#	115	0.00
53 T	t-1,3-Dichloropropene	0.438	0.534	-21.9#	120	0.00
54 T	cis-1,3-Dichloropropene	0.482	0.570	-18.3	117	0.00
55 T	1,1,2-Trichloroethane	0.355	0.387	-9.0	118	0.00
56 T	Ethyl methacrylate	0.492	0.559	-13.6	116	0.00
57 T	1,3-Dichloropropane	0.565	0.618	-9.4	117	0.00
58 T	2-Chloroethyl Vinyl ether	0.259	0.332	-28.2#	129	0.00
59 T	2-Hexanone	0.359	0.404	-12.5	119	0.00
60 T	Dibromochloromethane	0.336	0.416	-23.8#	118	0.00
61 T	1,2-Dibromoethane	0.376	0.418	-11.2	116	0.00
62 S	4-Bromofluorobenzene	0.441	0.449	-1.8	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.471	0.501	-6.4	116	0.00
65 PM	Chlorobenzene	1.091	1.164	-6.7	115	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.424	-15.8	118	0.00
67 C	Ethyl Benzene	1.757	1.937	-10.2#	116	0.00
68 T	m/p-Xylenes	0.698	0.774	-10.9	115	0.00
69 T	o-Xylene	0.672	0.746	-11.0	115	0.00
70 T	Styrene	1.090	1.216	-11.6	114	0.00
71 P	Bromoform	0.283	0.344	-21.6#	119	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.398	3.738	-10.0	116	0.00
74 T	N-amyl acetate	1.314	1.425	-8.4	113	0.00
75 P	1,1,2,2-Tetrachloroethane	1.036	1.098	-6.0	116	0.00
76 T	1,2,3-Trichloropropane	0.973	1.087	-11.7	116	0.00
77 T	Bromobenzene	0.957	1.005	-5.0	113	0.00
78 T	n-propylbenzene	3.726	4.260	-14.3	117	0.00
79 T	2-Chlorotoluene	2.261	2.427	-7.3	114	0.00
80 T	1,3,5-Trimethylbenzene	2.780	3.113	-12.0	116	0.00
81 T	trans-1,4-Dichloro-2-butene	0.280	0.343	-22.5#	121	0.00
82 T	4-Chlorotoluene	2.616	2.873	-9.8	113	0.00
83 T	tert-Butylbenzene	2.752	3.016	-9.6	115	0.00
84 T	1,2,4-Trimethylbenzene	2.822	3.153	-11.7	114	0.00
85 T	sec-Butylbenzene	3.331	3.793	-13.9	115	0.00
86 T	p-Isopropyltoluene	3.007	3.413	-13.5	115	0.00
87 T	1,3-Dichlorobenzene	1.718	1.802	-4.9	113	0.00
88 T	1,4-Dichlorobenzene	1.743	1.821	-4.5	114	0.00
89 T	n-Butylbenzene	2.587	2.986	-15.4	117	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.450	0.550	-22.2#	121	0.00
91 T	1,2-Dichlorobenzene	1.710	1.778	-4.0	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.215	0.240	-11.6	120	0.00
93 T	1,2,4-Trichlorobenzene	1.153	1.263	-9.5	115	0.00
94 T	Hexachlorobutadiene	0.560	0.605	-8.0	117	0.00
95 T	Naphthalene	3.372	3.732	-10.7	116	0.00
96 T	1,2,3-Trichlorobenzene	1.161	1.232	-6.1	114	0.00

(#) = Out of Range

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