

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080819\
 Data File : VX011379.D
 Acq On : 08 Aug 2019 09:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 09 04:30:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	113	0.00
2 T	Dichlorodifluoromethane	0.386	0.331	14.2	98	0.00
3 P	Chloromethane	0.434	0.363	16.4	97	0.00
4 C	Vinyl Chloride	0.477	0.390	18.2#	92	0.00
5 T	Bromomethane	0.340	0.273	19.7	92	0.00
6 T	Chloroethane	0.335	0.276	17.6	98	0.00
7 T	Trichlorofluoromethane	0.848	0.738	13.0	96	0.00
8 T	Diethyl Ether	0.303	0.252	16.8	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.459	0.413	10.0	102	0.00
10 T	Methyl Iodide	0.579	0.505	12.8	90	0.00
11 T	Tert butyl alcohol	0.106	0.091	14.2	99	0.00
12 CM	1,1-Dichloroethene	0.455	0.389	14.5#	98	0.00
13 T	Acrolein	0.066	0.061	7.6	112	0.00
14 T	Allyl chloride	0.606	0.598	1.3	106	0.00
15 T	Acrylonitrile	0.240	0.225	6.2	102	0.00
16 T	Acetone	0.240	0.269	-12.1	128	0.00
17 T	Carbon Disulfide	1.068	0.922	13.7	95	0.00
18 T	Methyl Acetate	0.548	0.510	6.9	107	0.00
19 T	Methyl tert-butyl Ether	1.341	1.282	4.4	105	0.00
20 T	Methylene Chloride	0.525	0.450	14.3	101	0.00
21 T	trans-1,2-Dichloroethene	0.481	0.425	11.6	98	0.00
22 T	Diisopropyl ether	1.333	1.267	5.0	107	0.00
23 T	Vinyl Acetate	1.106	1.112	-0.5	105	0.00
24 P	1,1-Dichloroethane	0.786	0.733	6.7	105	0.00
25 T	2-Butanone	0.341	0.347	-1.8	111	0.00
26 T	2,2-Dichloropropane	0.611	0.615	-0.7	110	0.00
27 T	cis-1,2-Dichloroethene	0.554	0.500	9.7	103	0.00
28 T	Bromochloromethane	0.358	0.374	-4.5	123	0.00
29 T	Tetrahydrofuran	0.209	0.192	8.1	99	0.00
30 C	Chloroform	0.854	0.811	5.0#	108	0.00
31 T	Cyclohexane	0.648	0.591	8.8	101	0.00
32 T	1,1,1-Trichloroethane	0.732	0.709	3.1	107	0.00
33 S	1,2-Dichloroethane-d4	0.504	0.532	-5.6	125	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35 S	Dibromofluoromethane	0.326	0.322	1.2	113	-0.01
36 T	1,1-Dichloropropene	0.437	0.399	8.7	102	0.00
37 T	Ethyl Acetate	0.438	0.417	4.8	106	0.00
38 T	Carbon Tetrachloride	0.439	0.440	-0.2	107	0.00
39 T	Methylcyclohexane	0.517	0.470	9.1	102	0.00
40 TM	Benzene	1.303	1.217	6.6	102	0.00
41 T	Methacrylonitrile	0.239	0.224	6.3	102	0.00
42 TM	1,2-Dichloroethane	0.441	0.438	0.7	112	0.00
43 T	Isopropyl Acetate	0.700	0.674	3.7	106	0.00
44 TM	Trichloroethene	0.394	0.358	9.1	101	0.00
45 C	1,2-Dichloropropane	0.337	0.311	7.7#	103	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.246	0.225	8.5	104	0.00
47 T	Bromodichloromethane	0.417	0.429	-2.9	111	0.00
48 T	Methyl methacrylate	0.329	0.328	0.3	108	0.00
49 T	1,4-Dioxane	0.010	0.008	20.0	93	0.00
50 S	Toluene-d8	1.232	1.214	1.5	113	0.00
51 T	4-Methyl-2-Pentanone	0.452	0.445	1.5	104	0.00
52 CM	Toluene	0.861	0.811	5.8#	103	0.00
53 T	t-1,3-Dichloropropene	0.423	0.457	-8.0	109	0.00
54 T	cis-1,3-Dichloropropene	0.487	0.497	-2.1	105	0.00
55 T	1,1,2-Trichloroethane	0.354	0.341	3.7	105	0.00
56 T	Ethyl methacrylate	0.505	0.504	0.2	106	0.00
57 T	1,3-Dichloropropane	0.560	0.535	4.5	106	0.00
58 T	2-Chloroethyl Vinyl ether	0.248	0.265	-6.9	115	0.00
59 T	2-Hexanone	0.350	0.363	-3.7	107	0.00
60 T	Dibromochloromethane	0.363	0.374	-3.0	108	0.00
61 T	1,2-Dibromoethane	0.383	0.365	4.7	103	0.00
62 S	4-Bromofluorobenzene	0.440	0.459	-4.3	118	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
64 T	Tetrachloroethene	0.425	0.401	5.6	108	0.00
65 PM	Chlorobenzene	1.072	0.986	8.0	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.367	0.374	-1.9	108	0.00
67 C	Ethyl Benzene	1.795	1.735	3.3#	106	0.00
68 T	m/p-Xylenes	0.694	0.668	3.7	103	0.00
69 T	o-Xylene	0.682	0.645	5.4	103	0.00
70 T	Styrene	1.129	1.127	0.2	105	0.00
71 P	Bromoform	0.285	0.307	-7.7	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	113	0.00
73 T	Isopropylbenzene	3.420	3.246	5.1	105	0.00
74 T	N-amyl acetate	1.236	1.229	0.6	103	0.00
75 P	1,1,2,2-Tetrachloroethane	1.140	1.037	9.0	101	0.00
76 T	1,2,3-Trichloropropane	0.911	0.906	0.5	108	0.00
77 T	Bromobenzene	0.948	0.859	9.4	101	0.00
78 T	n-propylbenzene	3.803	3.722	2.1	108	0.00
79 T	2-Chlorotoluene	2.267	2.174	4.1	108	0.00
80 T	1,3,5-Trimethylbenzene	2.863	2.783	2.8	108	0.00
81 T	trans-1,4-Dichloro-2-butene	0.312	0.313	-0.3	105	0.00
82 T	4-Chlorotoluene	2.642	2.565	2.9	108	0.00
83 T	tert-Butylbenzene	2.808	2.705	3.7	105	0.00
84 T	1,2,4-Trimethylbenzene	2.850	2.809	1.4	106	0.00
85 T	sec-Butylbenzene	3.373	3.248	3.7	106	0.00
86 T	p-Isopropyltoluene	3.103	3.064	1.3	107	0.00
87 T	1,3-Dichlorobenzene	1.675	1.581	5.6	104	0.00
88 T	1,4-Dichlorobenzene	1.728	1.594	7.8	104	0.00
89 T	n-Butylbenzene	2.674	2.633	1.5	106	0.00

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90 T	Hexachloroethane	0.459	0.481	-4.8	108	0.00
91 T	1,2-Dichlorobenzene	1.683	1.562	7.2	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.221	0.226	-2.3	108	0.00
93 T	1,2,4-Trichlorobenzene	1.116	1.055	5.5	102	0.00
94 T	Hexachlorobutadiene	0.566	0.550	2.8	107	0.00
95 T	Naphthalene	3.265	3.195	2.1	102	0.00
96 T	1,2,3-Trichlorobenzene	1.135	1.088	4.1	105	0.00

(#) = Out of Range

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