

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072219\  
 Data File : VX011019.D  
 Acq On : 22 Jul 2019 10:21  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Jul 23 04:49:28 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 20 04:05:59 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	96	0.00
2 T	Dichlorodifluoromethane	0.467	0.505	-8.1	91	0.00
3 P	Chloromethane	0.460	0.419	8.9	87	0.00
4 C	Vinyl Chloride	0.469	0.443	5.5#	87	0.00
5 T	Bromomethane	0.264	0.230	12.9	89	0.00
6 T	Chloroethane	0.298	0.278	6.7	89	0.00
7 T	Trichlorofluoromethane	0.794	0.779	1.9	94	0.00
8 T	Diethyl Ether	0.274	0.271	1.1	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.453	0.450	0.7	97	0.00
10 T	Methyl Iodide	0.595	0.559	6.1	85	0.00
11 T	Tert butyl alcohol	0.124	0.120	3.2	99	0.00
12 CM	1,1-Dichloroethene	0.445	0.428	3.8#	91	0.00
13 T	Acrolein	0.072	0.075	-4.2	104	0.00
14 T	Allyl chloride	0.647	0.652	-0.8	97	0.00
15 T	Acrylonitrile	0.250	0.253	-1.2	100	0.00
16 T	Acetone	0.240	0.267	-11.3	109	0.00
17 T	Carbon Disulfide	1.142	1.045	8.5	87	0.00
18 T	Methyl Acetate	0.547	0.555	-1.5	106	0.00
19 T	Methyl tert-butyl Ether	1.434	1.525	-6.3	106	0.00
20 T	Methylene Chloride	0.509	0.488	4.1	96	0.00
21 T	trans-1,2-Dichloroethene	0.473	0.454	4.0	93	0.00
22 T	Diisopropyl ether	1.364	1.374	-0.7	100	0.00
23 T	Vinyl Acetate	1.156	1.246	-7.8	101	0.00
24 P	1,1-Dichloroethane	0.792	0.769	2.9	97	0.00
25 T	2-Butanone	0.345	0.373	-8.1	104	0.00
26 T	2,2-Dichloropropane	0.651	0.672	-3.2	101	0.00
27 T	cis-1,2-Dichloroethene	0.547	0.532	2.7	97	0.00
28 T	Bromochloromethane	0.373	0.379	-1.6	102	0.00
29 T	Tetrahydrofuran	0.218	0.220	-0.9	98	0.00
30 C	Chloroform	0.856	0.857	-0.1#	101	0.00
31 T	Cyclohexane	0.722	0.675	6.5	93	0.00
32 T	1,1,1-Trichloroethane	0.741	0.748	-0.9	98	0.00
33 S	1,2-Dichloroethane-d4	0.532	0.537	-0.9	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.317	0.322	-1.6	98	0.00
36 T	1,1-Dichloropropene	0.411	0.410	0.2	97	0.00
37 T	Ethyl Acetate	0.421	0.445	-5.7	98	0.00
38 T	Carbon Tetrachloride	0.428	0.454	-6.1	101	0.00
39 T	Methylcyclohexane	0.533	0.528	0.9	96	0.00
40 TM	Benzene	1.258	1.243	1.2	95	0.00
41 T	Methacrylonitrile	0.239	0.247	-3.3	105	0.00
42 TM	1,2-Dichloroethane	0.437	0.467	-6.9	106	0.00
43 T	Isopropyl Acetate	0.692	0.744	-7.5	104	-0.01
44 TM	Trichloroethene	0.372	0.363	2.4	95	0.00
45 C	1,2-Dichloropropane	0.320	0.320	0.0	98	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	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.229	0.245	-7.0	103	0.00
47 T	Bromodichloromethane	0.407	0.454	-11.5	105	0.00
48 T	Methyl methacrylate	0.337	0.364	-8.0	105	0.00
49 T	1,4-Dioxane	0.009	0.010	-11.1	99	0.00
50 S	Toluene-d8	1.190	1.173	1.4	94	0.00
51 T	4-Methyl-2-Pentanone	0.448	0.481	-7.4	101	0.00
52 CM	Toluene	0.826	0.812	1.7#	95	0.00
53 T	t-1,3-Dichloropropene	0.438	0.509	-16.2	107	0.00
54 T	cis-1,3-Dichloropropene	0.487	0.542	-11.3	102	0.00
55 T	1,1,2-Trichloroethane	0.340	0.361	-6.2	103	0.00
56 T	Ethyl methacrylate	0.498	0.556	-11.6	103	0.00
57 T	1,3-Dichloropropane	0.540	0.560	-3.7	101	0.00
58 T	2-Chloroethyl Vinyl ether	0.238	0.260	-9.2	102	0.00
59 T	2-Hexanone	0.348	0.378	-8.6	100	0.00
60 T	Dibromochloromethane	0.345	0.410	-18.8	107	0.00
61 T	1,2-Dibromoethane	0.361	0.387	-7.2	102	0.00
62 S	4-Bromofluorobenzene	0.438	0.465	-6.2	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.393	0.377	4.1	99	0.00
65 PM	Chlorobenzene	1.027	1.002	2.4	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.385	-6.6	103	0.00
67 C	Ethyl Benzene	1.748	1.729	1.1#	98	0.00
68 T	m/p-Xylenes	0.671	0.673	-0.3	100	0.00
69 T	o-Xylene	0.654	0.655	-0.2	99	0.00
70 T	Styrene	1.091	1.138	-4.3	100	0.00
71 P	Bromoform	0.288	0.339	-17.7	110	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.378	3.226	4.5	100	0.00
74 T	N-amyl acetate	1.291	1.340	-3.8	103	0.00
75 P	1,1,2,2-Tetrachloroethane	1.106	1.095	1.0	102	0.00
76 T	1,2,3-Trichloropropane	0.902	0.949	-5.2	107	0.00
77 T	Bromobenzene	0.932	0.892	4.3	101	0.00
78 T	n-propylbenzene	3.733	3.641	2.5	100	0.00
79 T	2-Chlorotoluene	2.242	2.192	2.2	102	0.00
80 T	1,3,5-Trimethylbenzene	2.823	2.775	1.7	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.328	0.352	-7.3	107	0.00
82 T	4-Chlorotoluene	2.610	2.562	1.8	102	0.00
83 T	tert-Butylbenzene	2.773	2.733	1.4	101	0.00
84 T	1,2,4-Trimethylbenzene	2.845	2.803	1.5	100	0.00
85 T	sec-Butylbenzene	3.249	3.222	0.8	100	0.00
86 T	p-Isopropyltoluene	3.004	3.046	-1.4	102	0.00
87 T	1,3-Dichlorobenzene	1.617	1.597	1.2	102	0.00
88 T	1,4-Dichlorobenzene	1.659	1.599	3.6	101	0.00
89 T	n-Butylbenzene	2.570	2.651	-3.2	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.474	0.506	-6.8	106	0.00
91 T	1,2-Dichlorobenzene	1.603	1.590	0.8	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.231	0.245	-6.1	106	0.00
93 T	1,2,4-Trichlorobenzene	1.086	1.140	-5.0	106	0.00
94 T	Hexachlorobutadiene	0.538	0.550	-2.2	106	0.00
95 T	Naphthalene	3.208	3.403	-6.1	104	0.00
96 T	1,2,3-Trichlorobenzene	1.081	1.120	-3.6	105	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5