

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX082119\
 Data File : VX011721.D
 Acq On : 21 Aug 2019 08:56
 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 21 13:32:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 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	75	0.00
2 T	Dichlorodifluoromethane	0.491	0.571	-16.3	79	0.00
3 P	Chloromethane	0.510	0.451	11.6	70	0.00
4 C	Vinyl Chloride	0.461	0.431	6.5#	70	0.00
5 T	Bromomethane	0.207	0.229	-10.6	85	0.00
6 T	Chloroethane	0.218	0.241	-10.6	80	0.00
7 T	Trichlorofluoromethane	0.639	0.719	-12.5	85	0.00
8 T	Diethyl Ether	0.219	0.236	-7.8	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.441	0.466	-5.7	81	0.00
10 T	Methyl Iodide	0.628	0.604	3.8	70	0.00
11 T	Tert butyl alcohol	0.114	0.112	1.8	74	0.00
12 CM	1,1-Dichloroethene	0.426	0.423	0.7#	76	0.00
13 T	Acrolein	0.038	0.031	18.4	73	0.00
14 T	Allyl chloride	0.709	0.730	-3.0	77	0.00
15 T	Acrylonitrile	0.260	0.265	-1.9	75	0.00
16 T	Acetone	0.233	0.280	-20.2#	91	0.00
17 T	Carbon Disulfide	1.005	0.984	2.1	74	0.00
18 T	Methyl Acetate	0.723	0.756	-4.6	76	0.00
19 T	Methyl tert-butyl Ether	1.388	1.516	-9.2	81	0.00
20 T	Methylene Chloride	0.490	0.498	-1.6	80	0.00
21 T	trans-1,2-Dichloroethene	0.452	0.472	-4.4	79	0.00
22 T	Diisopropyl ether	1.412	1.476	-4.5	77	0.00
23 T	Vinyl Acetate	1.118	1.191	-6.5	77	0.00
24 P	1,1-Dichloroethane	0.799	0.831	-4.0	79	0.00
25 T	2-Butanone	0.366	0.366	0.0	73	0.00
26 T	2,2-Dichloropropane	0.601	0.702	-16.8	88	-0.01
27 T	cis-1,2-Dichloroethene	0.527	0.537	-1.9	77	0.00
28 T	Bromochloromethane	0.351	0.328	6.6	70	-0.01
29 T	Tetrahydrofuran	0.240	0.212	11.7	65	-0.01
30 C	Chloroform	0.843	0.861	-2.1#	78	0.00
31 T	Cyclohexane	0.688	0.690	-0.3	74	0.00
32 T	1,1,1-Trichloroethane	0.725	0.783	-8.0	79	0.00
33 S	1,2-Dichloroethane-d4	0.464	0.464	0.0	81	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35 S	Dibromofluoromethane	0.327	0.308	5.8	77	0.00
36 T	1,1-Dichloropropene	0.427	0.453	-6.1	79	0.00
37 T	Ethyl Acetate	0.492	0.444	9.8	67	0.00
38 T	Carbon Tetrachloride	0.471	0.517	-9.8	82	0.00
39 T	Methylcyclohexane	0.528	0.570	-8.0	81	0.00
40 TM	Benzene	1.328	1.328	0.0	76	-0.01
41 T	Methacrylonitrile	0.271	0.253	6.6	68	0.00
42 TM	1,2-Dichloroethane	0.460	0.511	-11.1	82	0.00
43 T	Isopropyl Acetate	0.767	0.772	-0.7	75	0.00
44 TM	Trichloroethene	0.394	0.410	-4.1	79	0.00
45 C	1,2-Dichloropropane	0.331	0.343	-3.6#	76	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.241	0.238	1.2	77	0.00
47 T	Bromodichloromethane	0.442	0.472	-6.8	79	0.00
48 T	Methyl methacrylate	0.380	0.386	-1.6	73	0.00
49 T	1,4-Dioxane	0.010	0.010	0.0	72	0.00
50 S	Toluene-d8	1.019	1.009	1.0	79	0.00
51 T	4-Methyl-2-Pentanone	0.502	0.515	-2.6	74	0.00
52 CM	Toluene	0.846	0.904	-6.9#	80	0.00
53 T	t-1,3-Dichloropropene	0.459	0.525	-14.4	81	0.00
54 T	cis-1,3-Dichloropropene	0.502	0.564	-12.4	79	0.00
55 T	1,1,2-Trichloroethane	0.360	0.385	-6.9	81	0.00
56 T	Ethyl methacrylate	0.523	0.575	-9.9	78	0.00
57 T	1,3-Dichloropropane	0.572	0.606	-5.9	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.261	0.269	-3.1	75	0.00
59 T	2-Hexanone	0.387	0.408	-5.4	75	0.00
60 T	Dibromochloromethane	0.375	0.427	-13.9	79	0.00
61 T	1,2-Dibromoethane	0.384	0.409	-6.5	79	0.00
62 S	4-Bromofluorobenzene	0.430	0.435	-1.2	83	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64 T	Tetrachloroethene	0.410	0.448	-9.3	84	0.00
65 PM	Chlorobenzene	1.066	1.100	-3.2	79	0.00
66 T	1,1,1,2-Tetrachloroethane	0.399	0.431	-8.0	81	0.00
67 C	Ethyl Benzene	1.780	1.897	-6.6#	81	0.00
68 T	m/p-Xylenes	0.683	0.736	-7.8	80	0.00
69 T	o-Xylene	0.669	0.709	-6.0	81	0.00
70 T	Styrene	1.127	1.245	-10.5	81	0.00
71 P	Bromoform	0.337	0.371	-10.1	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	70	0.00
73 T	Isopropylbenzene	3.244	3.893	-20.0#	83	0.00
74 T	N-amyl acetate	1.379	1.505	-9.1	76	0.00
75 P	1,1,2,2-Tetrachloroethane	1.116	1.229	-10.1	77	0.00
76 T	1,2,3-Trichloropropane	0.948	1.101	-16.1	80	0.00
77 T	Bromobenzene	0.965	1.100	-14.0	80	0.00
78 T	n-propylbenzene	3.498	4.279	-22.3#	83	0.00
79 T	2-Chlorotoluene	2.148	2.543	-18.4	81	0.00
80 T	1,3,5-Trimethylbenzene	2.725	3.287	-20.6#	82	0.00
81 T	trans-1,4-Dichloro-2-butene	0.319	0.371	-16.3	78	0.00
82 T	4-Chlorotoluene	2.492	2.984	-19.7	83	0.00
83 T	tert-Butylbenzene	2.776	3.004	-8.2	74	0.00
84 T	1,2,4-Trimethylbenzene	2.736	3.022	-10.5	74	0.00
85 T	sec-Butylbenzene	3.132	3.511	-12.1	76	0.00
86 T	p-Isopropyltoluene	2.946	3.327	-12.9	76	0.00
87 T	1,3-Dichlorobenzene	1.659	1.733	-4.5	73	0.00
88 T	1,4-Dichlorobenzene	1.682	1.738	-3.3	73	0.00
89 T	n-Butylbenzene	2.422	2.886	-19.2	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.465	0.520	-11.8	76	0.00
91 T	1,2-Dichlorobenzene	1.666	1.719	-3.2	72	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.255	0.272	-6.7	75	0.00
93 T	1,2,4-Trichlorobenzene	1.241	1.420	-14.4	78	0.00
94 T	Hexachlorobutadiene	0.676	0.799	-18.2	82	0.00
95 T	Naphthalene	3.508	4.122	-17.5	77	0.00
96 T	1,2,3-Trichlorobenzene	1.252	1.465	-17.0	80	0.00

(#) = Out of Range

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