

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX052119\
 Data File : VX009768.D
 Acq On : 21 May 2019 23:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: May 22 08:31:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 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	79	0.00
2 T	Dichlorodifluoromethane	0.461	0.439	4.8	76	0.00
3 P	Chloromethane	0.629	0.664	-5.6	86	0.00
4 C	Vinyl Chloride	0.613	0.659	-7.5#	86	0.00
5 T	Bromomethane	0.368	0.445	-20.9#	101	0.00
6 T	Chloroethane	0.394	0.411	-4.3	85	0.00
7 T	Trichlorofluoromethane	0.746	0.787	-5.5	85	0.00
8 T	Diethyl Ether	0.353	0.368	-4.2	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.468	0.462	1.3	79	0.00
10 T	Methyl Iodide	0.483	0.401	17.0	62	0.00
11 T	Tert butyl alcohol	0.158	0.169	-7.0	86	0.00
12 CM	1,1-Dichloroethene	0.469	0.486	-3.6#	82	0.00
13 T	Acrolein	0.143	0.126	11.9	72	0.00
14 T	Allyl chloride	1.143	1.194	-4.5	85	0.00
15 T	Acrylonitrile	0.386	0.412	-6.7	88	0.00
16 T	Acetone	0.367	0.362	1.4	81	0.00
17 T	Carbon Disulfide	1.317	1.468	-11.5	87	0.00
18 T	Methyl Acetate	0.872	0.892	-2.3	86	0.00
19 T	Methyl tert-butyl Ether	1.822	1.926	-5.7	85	0.00
20 T	Methylene Chloride	0.593	0.601	-1.3	84	0.00
21 T	trans-1,2-Dichloroethene	0.509	0.537	-5.5	84	0.00
22 T	Diisopropyl ether	2.199	2.349	-6.8	86	0.00
23 T	Vinyl Acetate	1.883	2.131	-13.2	88	0.00
24 P	1,1-Dichloroethane	1.085	1.120	-3.2	84	0.00
25 T	2-Butanone	0.570	0.622	-9.1	87	0.00
26 T	2,2-Dichloropropane	0.807	0.689	14.6	68	0.00
27 T	cis-1,2-Dichloroethene	0.607	0.620	-2.1	83	0.00
28 T	Bromochloromethane	0.487	0.549	-12.7	88	0.00
29 T	Tetrahydrofuran	0.366	0.413	-12.8	90	0.00
30 C	Chloroform	0.981	1.032	-5.2#	86	0.00
31 T	Cyclohexane	1.009	1.092	-8.2	85	0.00
32 T	1,1,1-Trichloroethane	0.817	0.859	-5.1	85	0.00
33 S	1,2-Dichloroethane-d4	0.683	0.725	-6.1	83	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.314	0.320	-1.9	80	0.00
36 T	1,1-Dichloropropene	0.465	0.488	-4.9	85	0.00
37 T	Ethyl Acetate	0.647	0.731	-13.0	91	0.00
38 T	Carbon Tetrachloride	0.422	0.446	-5.7	85	0.00
39 T	Methylcyclohexane	0.571	0.589	-3.2	82	0.00
40 TM	Benzene	1.438	1.509	-4.9	85	0.00
41 T	Methacrylonitrile	0.385	0.412	-7.0	88	0.00
42 TM	1,2-Dichloroethane	0.516	0.557	-7.9	89	0.00
43 T	Isopropyl Acetate	1.036	1.152	-11.2	89	0.00
44 TM	Trichloroethene	0.348	0.357	-2.6	84	0.00
45 C	1,2-Dichloropropane	0.407	0.434	-6.6#	86	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.236	0.243	-3.0	84	0.00
47 T	Bromodichloromethane	0.472	0.501	-6.1	85	0.00
48 T	Methyl methacrylate	0.514	0.587	-14.2	91	0.00
49 T	1,4-Dioxane	0.010	0.011	-10.0	84	0.00
50 S	Toluene-d8	1.269	1.332	-5.0	81	0.00
51 T	4-Methyl-2-Pentanone	0.677	0.771	-13.9	91	0.00
52 CM	Toluene	0.874	0.930	-6.4#	86	0.00
53 T	t-1,3-Dichloropropene	0.533	0.573	-7.5	84	0.00
54 T	cis-1,3-Dichloropropene	0.589	0.626	-6.3	82	0.00
55 T	1,1,2-Trichloroethane	0.357	0.373	-4.5	85	0.00
56 T	Ethyl methacrylate	0.637	0.701	-10.0	87	0.00
57 T	1,3-Dichloropropane	0.628	0.665	-5.9	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.338	0.343	-1.5	78	0.00
59 T	2-Hexanone	0.532	0.593	-11.5	88	0.00
60 T	Dibromochloromethane	0.348	0.376	-8.0	85	0.00
61 T	1,2-Dibromoethane	0.360	0.382	-6.1	85	0.00
62 S	4-Bromofluorobenzene	0.461	0.486	-5.4	81	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64 T	Tetrachloroethene	0.343	0.347	-1.2	84	0.00
65 PM	Chlorobenzene	1.000	1.040	-4.0	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.363	0.375	-3.3	85	0.00
67 C	Ethyl Benzene	1.841	1.940	-5.4#	86	0.00
68 T	m/p-Xylenes	0.673	0.712	-5.8	86	0.00
69 T	o-Xylene	0.664	0.695	-4.7	86	0.00
70 T	Styrene	1.154	1.225	-6.2	85	0.00
71 P	Bromoform	0.295	0.316	-7.1	86	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73 T	Isopropylbenzene	3.636	3.780	-4.0	85	0.00
74 T	N-amyl acetate	2.120	2.338	-10.3	88	0.00
75 P	1,1,2,2-Tetrachloroethane	1.355	1.384	-2.1	84	0.00
76 T	1,2,3-Trichloropropane	1.160	1.221	-5.3	87	0.00
77 T	Bromobenzene	0.902	0.942	-4.4	87	0.00
78 T	n-propylbenzene	4.152	4.336	-4.4	85	0.00
79 T	2-Chlorotoluene	2.562	2.616	-2.1	87	0.00
80 T	1,3,5-Trimethylbenzene	3.061	3.204	-4.7	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.453	0.452	0.2	79	0.00
82 T	4-Chlorotoluene	2.894	3.026	-4.6	87	0.00
83 T	tert-Butylbenzene	2.978	3.086	-3.6	86	0.00
84 T	1,2,4-Trimethylbenzene	3.073	3.220	-4.8	86	0.00
85 T	sec-Butylbenzene	3.531	3.608	-2.2	83	0.00
86 T	p-Isopropyltoluene	3.174	3.288	-3.6	83	0.00
87 T	1,3-Dichlorobenzene	1.609	1.646	-2.3	84	0.00
88 T	1,4-Dichlorobenzene	1.622	1.635	-0.8	84	0.00
89 T	n-Butylbenzene	2.869	2.976	-3.7	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.541	0.565	-4.4	84	0.00
91 T	1,2-Dichlorobenzene	1.639	1.652	-0.8	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.304	0.322	-5.9	84	0.00
93 T	1,2,4-Trichlorobenzene	1.121	1.141	-1.8	81	0.00
94 T	Hexachlorobutadiene	0.572	0.575	-0.5	82	0.00
95 T	Naphthalene	3.646	3.797	-4.1	82	0.00
96 T	1,2,3-Trichlorobenzene	1.136	1.175	-3.4	83	0.00

(#) = Out of Range

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