

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX082818\
 Data File : VX004268.D
 Acq On : 28 Aug 2018 10:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 28 16:58:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 14:20:03 2018
 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	117	0.00
2 T	Dichlorodifluoromethane	0.579	0.596	-2.9	112	0.00
3 P	Chloromethane	0.675	0.586	13.2	107	0.00
4 C	Vinyl Chloride	0.655	0.635	3.1#	110	0.00
5 T	Bromomethane	0.397	0.246	38.0#	86	0.00
6 T	Chloroethane	0.476	0.410	13.9	110	0.00
7 T	Trichlorofluoromethane	0.898	0.882	1.8	114	0.00
8 T	Diethyl Ether	0.384	0.379	1.3	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.562	0.558	0.7	120	0.00
10 T	Methyl Iodide	0.578	0.479	17.1	90	0.00
11 T	Tert butyl alcohol	0.139	0.132	5.0	111	0.00
12 CM	1,1-Dichloroethene	0.530	0.512	3.4#	116	0.00
13 T	Acrolein	0.033	0.033	0.0	118	0.00
14 T	Allyl chloride	0.973	0.944	3.0	113	0.00
15 T	Acrylonitrile	0.344	0.315	8.4	111	0.00
16 T	Acetone	0.310	0.266	14.2	113	0.00
17 T	Carbon Disulfide	1.557	1.372	11.9	110	0.00
18 T	Methyl Acetate	0.967	1.019	-5.4	122	0.00
19 T	Methyl tert-butyl Ether	1.746	1.759	-0.7	120	0.00
20 T	Methylene Chloride	0.627	0.581	7.3	117	0.00
21 T	trans-1,2-Dichloroethene	0.586	0.556	5.1	117	0.00
22 T	Diisopropyl ether	1.817	1.740	4.2	115	0.00
23 T	Vinyl Acetate	1.473	1.413	4.1	112	0.00
24 P	1,1-Dichloroethane	1.059	1.023	3.4	113	0.00
25 T	2-Butanone	0.484	0.417	13.8	111	0.00
26 T	2,2-Dichloropropane	0.831	0.839	-1.0	119	0.00
27 T	cis-1,2-Dichloroethene	0.665	0.637	4.2	115	0.00
28 T	Bromochloromethane	0.469	0.435	7.2	104	0.00
29 T	Tetrahydrofuran	0.280	0.264	5.7	110	0.00
30 C	Chloroform	1.062	1.021	3.9#	115	0.00
31 T	Cyclohexane	0.914	0.903	1.2	114	0.00
32 T	1,1,1-Trichloroethane	0.885	0.872	1.5	115	0.00
33 S	1,2-Dichloroethane-d4	0.652	0.585	10.3	110	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
35 S	Dibromofluoromethane	0.372	0.372	0.0	117	0.00
36 T	1,1-Dichloropropene	0.562	0.570	-1.4	115	0.00
37 T	Ethyl Acetate	0.553	0.548	0.9	111	0.00
38 T	Carbon Tetrachloride	0.529	0.548	-3.6	114	0.00
39 T	Methylcyclohexane	0.642	0.677	-5.5	118	0.00
40 TM	Benzene	1.680	1.679	0.1	112	0.00
41 T	Methacrylonitrile	0.320	0.324	-1.3	113	0.00
42 TM	1,2-Dichloroethane	0.573	0.560	2.3	111	0.00
43 T	Isopropyl Acetate	0.849	0.888	-4.6	115	0.00
44 TM	Trichloroethene	0.465	0.467	-0.4	116	0.00
45 C	1,2-Dichloropropane	0.420	0.428	-1.9#	113	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	0.280	0.276	1.4	112	0.00
47 T	Bromodichloromethane	0.521	0.544	-4.4	114	0.00
48 T	Methyl methacrylate	0.455	0.473	-4.0	112	0.00
49 T	1,4-Dioxane	0.010	0.010	0.0	107	0.00
50 S	Toluene-d8	1.404	1.403	0.1	113	0.00
51 T	4-Methyl-2-Pentanone	0.617	0.594	3.7	111	0.00
52 CM	Toluene	1.051	1.092	-3.9#	115	0.00
53 T	t-1,3-Dichloropropene	0.575	0.626	-8.9	116	0.00
54 T	cis-1,3-Dichloropropene	0.627	0.685	-9.3	117	0.00
55 T	1,1,2-Trichloroethane	0.424	0.436	-2.8	114	0.00
56 T	Ethyl methacrylate	0.578	0.645	-11.6	118	0.00
57 T	1,3-Dichloropropane	0.715	0.729	-2.0	114	0.00
58 T	2-Chloroethyl Vinyl ether	0.296	0.335	-13.2	116	0.00
59 T	2-Hexanone	0.471	0.459	2.5	112	0.00
60 T	Dibromochloromethane	0.414	0.443	-7.0	115	0.00
61 T	1,2-Dibromoethane	0.439	0.448	-2.1	113	0.00
62 S	4-Bromofluorobenzene	0.524	0.518	1.1	113	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	115	0.00
64 T	Tetrachloroethene	0.494	0.527	-6.7	122	0.00
65 PM	Chlorobenzene	1.255	1.293	-3.0	119	0.00
66 T	1,1,1,2-Tetrachloroethane	0.433	0.462	-6.7	118	0.00
67 C	Ethyl Benzene	2.038	2.212	-8.5#	118	0.00
68 T	m/p-Xylenes	0.797	0.862	-8.2	115	0.00
69 T	o-Xylene	0.754	0.852	-13.0	119	0.00
70 T	Styrene	1.221	1.377	-12.8	117	0.00
71 P	Bromoform	0.349	0.372	-6.6	115	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73 T	Isopropylbenzene	3.284	3.502	-6.6	112	0.00
74 T	N-amyl acetate	1.264	1.346	-6.5	112	0.00
75 P	1,1,2,2-Tetrachloroethane	1.149	1.138	1.0	111	0.00
76 T	1,2,3-Trichloropropane	1.017	1.039	-2.2	113	0.00
77 T	Bromobenzene	0.921	0.971	-5.4	117	0.00
78 T	n-propylbenzene	3.777	4.236	-12.2	116	0.00
79 T	2-Chlorotoluene	2.325	2.466	-6.1	116	0.00
80 T	1,3,5-Trimethylbenzene	2.720	3.049	-12.1	116	0.00
81 T	trans-1,4-Dichloro-2-butene	0.313	0.341	-8.9	114	0.00
82 T	4-Chlorotoluene	2.736	2.919	-6.7	116	0.00
83 T	tert-Butylbenzene	2.736	3.065	-12.0	116	0.00
84 T	1,2,4-Trimethylbenzene	2.792	3.168	-13.5	115	0.00
85 T	sec-Butylbenzene	3.249	3.690	-13.6	119	0.00
86 T	p-Isopropyltoluene	2.911	3.311	-13.7	116	0.00
87 T	1,3-Dichlorobenzene	1.734	1.805	-4.1	117	0.00
88 T	1,4-Dichlorobenzene	1.829	1.843	-0.8	117	0.00
89 T	n-Butylbenzene	2.367	2.672	-12.9	121	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.407	0.441	-8.4	117	0.00
91 T	1,2-Dichlorobenzene	1.585	1.666	-5.1	118	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.202	0.209	-3.5	111	0.00
93 T	1,2,4-Trichlorobenzene	1.153	1.211	-5.0	118	0.00
94 T	Hexachlorobutadiene	0.566	0.573	-1.2	116	0.00
95 T	Naphthalene	3.262	3.604	-10.5	109	0.00
96 T	1,2,3-Trichlorobenzene	1.221	1.287	-5.4	115	0.00

(#) = Out of Range

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