

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX041019\
 Data File : VX008795.D
 Acq On : 10 Apr 2019 09:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 11 07:10:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 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	112	0.00
2 T	Dichlorodifluoromethane	0.576	0.466	19.1	91	0.00
3 P	Chloromethane	0.795	0.633	20.4#	98	0.00
4 C	Vinyl Chloride	0.778	0.625	19.7#	92	0.00
5 T	Bromomethane	0.415	0.322	22.4#	105	0.00
6 T	Chloroethane	0.516	0.378	26.7#	93	0.00
7 T	Trichlorofluoromethane	0.860	0.744	13.5	97	0.00
8 T	Diethyl Ether	0.408	0.345	15.4	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.554	0.470	15.2	95	0.00
10 T	Methyl Iodide	0.456	0.494	-8.3	106	0.00
11 T	Tert butyl alcohol	0.171	0.141	17.5	92	-0.01
12 CM	1,1-Dichloroethene	0.578	0.465	19.6#	92	0.00
13 T	Acrolein	0.085	0.052	38.8#	71	0.00
14 T	Allyl chloride	1.323	1.158	12.5	98	0.00
15 T	Acrylonitrile	0.452	0.374	17.3	93	-0.01
16 T	Acetone	0.420	0.349	16.9	89	0.00
17 T	Carbon Disulfide	1.857	1.417	23.7#	93	0.00
18 T	Methyl Acetate	1.019	0.862	15.4	99	0.00
19 T	Methyl tert-butyl Ether	2.064	1.839	10.9	98	0.00
20 T	Methylene Chloride	0.703	0.578	17.8	97	0.00
21 T	trans-1,2-Dichloroethene	0.625	0.534	14.6	100	0.00
22 T	Diisopropyl ether	2.551	2.251	11.8	99	-0.01
23 T	Vinyl Acetate	2.219	1.978	10.9	97	0.00
24 P	1,1-Dichloroethane	1.263	1.103	12.7	98	0.00
25 T	2-Butanone	0.664	0.581	12.5	94	-0.01
26 T	2,2-Dichloropropane	0.889	0.817	8.1	101	0.00
27 T	cis-1,2-Dichloroethene	0.719	0.619	13.9	99	0.00
28 T	Bromochloromethane	0.599	0.619	-3.3	120	0.00
29 T	Tetrahydrofuran	0.441	0.364	17.5	92	0.00
30 C	Chloroform	1.128	0.995	11.8#	99	-0.01
31 T	Cyclohexane	1.260	1.085	13.9	99	0.00
32 T	1,1,1-Trichloroethane	0.911	0.818	10.2	99	0.00
33 S	1,2-Dichloroethane-d4	0.729	0.676	7.3	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35 S	Dibromofluoromethane	0.320	0.317	0.9	105	0.00
36 T	1,1-Dichloropropene	0.547	0.496	9.3	99	0.00
37 T	Ethyl Acetate	0.730	0.653	10.5	92	-0.01
38 T	Carbon Tetrachloride	0.452	0.429	5.1	99	0.00
39 T	Methylcyclohexane	0.675	0.633	6.2	102	0.00
40 TM	Benzene	1.628	1.476	9.3	97	0.00
41 T	Methacrylonitrile	0.419	0.371	11.5	95	0.00
42 TM	1,2-Dichloroethane	0.584	0.522	10.6	98	-0.01
43 T	Isopropyl Acetate	1.143	1.055	7.7	96	0.00
44 TM	Trichloroethene	0.379	0.355	6.3	101	0.00
45 C	1,2-Dichloropropane	0.465	0.421	9.5#	97	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	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.270	0.238	11.9	98	0.00
47 T	Bromodichloromethane	0.508	0.487	4.1	100	0.00
48 T	Methyl methacrylate	0.578	0.531	8.1	95	0.00
49 T	1,4-Dioxane	0.011	0.009	18.2	93	0.00
50 S	Toluene-d8	1.273	1.290	-1.3	106	0.00
51 T	4-Methyl-2-Pentanone	0.736	0.674	8.4	95	0.00
52 CM	Toluene	0.960	0.903	5.9#	100	0.00
53 T	t-1,3-Dichloropropene	0.569	0.573	-0.7	101	0.00
54 T	cis-1,3-Dichloropropene	0.650	0.633	2.6	100	0.00
55 T	1,1,2-Trichloroethane	0.385	0.358	7.0	99	0.00
56 T	Ethyl methacrylate	0.697	0.669	4.0	99	0.00
57 T	1,3-Dichloropropane	0.692	0.640	7.5	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.356	0.330	7.3	96	0.00
59 T	2-Hexanone	0.572	0.524	8.4	96	0.00
60 T	Dibromochloromethane	0.363	0.361	0.6	101	0.00
61 T	1,2-Dibromoethane	0.401	0.371	7.5	98	0.00
62 S	4-Bromofluorobenzene	0.451	0.478	-6.0	110	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.370	0.357	3.5	106	0.00
65 PM	Chlorobenzene	1.108	1.031	6.9	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.389	0.368	5.4	100	0.00
67 C	Ethyl Benzene	2.067	1.947	5.8#	102	0.00
68 T	m/p-Xylenes	0.743	0.706	5.0	103	0.00
69 T	o-Xylene	0.720	0.672	6.7	101	0.00
70 T	Styrene	1.241	1.199	3.4	103	0.00
71 P	Bromoform	0.297	0.298	-0.3	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	118	0.00
73 T	Isopropylbenzene	4.144	3.720	10.2	103	0.00
74 T	N-amyl acetate	2.438	2.116	13.2	100	0.00
75 P	1,1,2,2-Tetrachloroethane	1.576	1.290	18.1	97	0.00
76 T	1,2,3-Trichloropropane	1.374	1.151	16.2	100	0.00
77 T	Bromobenzene	0.996	0.905	9.1	106	0.00
78 T	n-propylbenzene	4.825	4.471	7.3	105	0.00
79 T	2-Chlorotoluene	2.920	2.575	11.8	103	0.00
80 T	1,3,5-Trimethylbenzene	3.478	3.164	9.0	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.498	0.470	5.6	102	0.00
82 T	4-Chlorotoluene	3.380	3.018	10.7	104	0.00
83 T	tert-Butylbenzene	3.346	3.010	10.0	104	0.00
84 T	1,2,4-Trimethylbenzene	3.522	3.192	9.4	104	0.00
85 T	sec-Butylbenzene	3.975	3.723	6.3	106	0.00
86 T	p-Isopropyltoluene	3.568	3.383	5.2	108	0.00
87 T	1,3-Dichlorobenzene	1.783	1.631	8.5	108	0.00
88 T	1,4-Dichlorobenzene	1.806	1.627	9.9	109	0.00
89 T	n-Butylbenzene	3.346	3.301	1.3	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.592	0.562	5.1	106	0.00
91 T	1,2-Dichlorobenzene	1.771	1.576	11.0	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.347	0.281	19.0	95	0.00
93 T	1,2,4-Trichlorobenzene	1.231	1.164	5.4	113	0.00
94 T	Hexachlorobutadiene	0.590	0.586	0.7	114	0.00
95 T	Naphthalene	4.115	3.596	12.6	102	0.00
96 T	1,2,3-Trichlorobenzene	1.230	1.130	8.1	111	0.00

(#) = Out of Range

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