

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100418\
 Data File : VX005043.D
 Acq On : 05 Oct 2018 02:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 05 05:25:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	71	0.00
2 T	Dichlorodifluoromethane	0.682	0.734	-7.6	65	0.00
3 P	Chloromethane	0.827	0.834	-0.8	67	0.00
4 C	Vinyl Chloride	0.776	0.831	-7.1#	71	0.00
5 T	Bromomethane	0.460	0.581	-26.3#	86	0.00
6 T	Chloroethane	0.495	0.481	2.8	75	0.00
7 T	Trichlorofluoromethane	0.960	1.075	-12.0	71	0.00
8 T	Diethyl Ether	0.417	0.445	-6.7	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.547	0.584	-6.8	78	0.00
10 T	Methyl Iodide	0.732	0.672	8.2	55	0.00
11 T	Tert butyl alcohol	0.200	0.223	-11.5	78	0.00
12 CM	1,1-Dichloroethene	0.542	0.571	-5.4#	77	0.00
13 T	Acrolein	0.142	0.038	73.2#	19#	0.00
14 T	Allyl chloride	1.182	1.299	-9.9	75	0.00
15 T	Acrylonitrile	0.440	0.498	-13.2	76	0.00
16 T	Acetone	0.417	0.437	-4.8	71	0.00
17 T	Carbon Disulfide	1.628	1.549	4.9	65	0.00
18 T	Methyl Acetate	1.056	1.404	-33.0#	94	0.00
19 T	Methyl tert-butyl Ether	1.869	2.195	-17.4	84	0.00
20 T	Methylene Chloride	0.670	0.686	-2.4	70	0.00
21 T	trans-1,2-Dichloroethene	0.593	0.608	-2.5	70	0.00
22 T	Diisopropyl ether	1.991	2.230	-12.0	77	0.00
23 T	Vinyl Acetate	1.822	1.915	-5.1	69	0.00
24 P	1,1-Dichloroethane	1.187	1.259	-6.1	72	0.00
25 T	2-Butanone	0.615	0.656	-6.7	73	0.00
26 T	2,2-Dichloropropane	0.827	0.646	21.9#	55	0.00
27 T	cis-1,2-Dichloroethene	0.663	0.690	-4.1	71	0.00
28 T	Bromochloromethane	0.559	0.554	0.9	72	0.00
29 T	Tetrahydrofuran	0.382	0.429	-12.3	74	0.00
30 C	Chloroform	1.122	1.163	-3.7#	76	0.00
31 T	Cyclohexane	0.909	0.972	-6.9	68	0.00
32 T	1,1,1-Trichloroethane	0.916	0.971	-6.0	74	0.00
33 S	1,2-Dichloroethane-d4	0.714	0.769	-7.7	71	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	73	0.00
35 S	Dibromofluoromethane	0.424	0.394	7.1	65	0.00
36 T	1,1-Dichloropropene	0.578	0.553	4.3	72	0.00
37 T	Ethyl Acetate	0.767	0.759	1.0	72	0.00
38 T	Carbon Tetrachloride	0.608	0.565	7.1	70	0.00
39 T	Methylcyclohexane	0.590	0.610	-3.4	77	0.00
40 TM	Benzene	1.810	1.757	2.9	74	0.00
41 T	Methacrylonitrile	0.426	0.437	-2.6	72	0.00
42 TM	1,2-Dichloroethane	0.640	0.642	-0.3	76	0.00
43 T	Isopropyl Acetate	1.108	1.157	-4.4	71	0.00
44 TM	Trichloroethene	0.445	0.454	-2.0	82	0.00
45 C	1,2-Dichloropropane	0.444	0.474	-6.8#	84	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.279	0.301	-7.9	85	0.00
47 T	Bromodichloromethane	0.522	0.575	-10.2	85	0.00
48 T	Methyl methacrylate	0.503	0.606	-20.5#	87	0.00
49 T	1,4-Dioxane	0.012	0.013	-8.3	77	0.00
50 S	Toluene-d8	1.409	1.479	-5.0	82	0.00
51 T	4-Methyl-2-Pentanone	0.697	0.836	-19.9	87	0.00
52 CM	Toluene	0.995	1.070	-7.5#	79	0.00
53 T	t-1,3-Dichloropropene	0.590	0.621	-5.3	73	0.00
54 T	cis-1,3-Dichloropropene	0.618	0.674	-9.1	81	0.00
55 T	1,1,2-Trichloroethane	0.436	0.456	-4.6	77	0.00
56 T	Ethyl methacrylate	0.628	0.727	-15.8	80	0.00
57 T	1,3-Dichloropropane	0.725	0.767	-5.8	75	0.00
58 T	2-Chloroethyl Vinyl ether	0.331	0.401	-21.1#	83	0.00
59 T	2-Hexanone	0.581	0.662	-13.9	77	0.00
60 T	Dibromochloromethane	0.436	0.471	-8.0	72	0.00
61 T	1,2-Dibromoethane	0.467	0.476	-1.9	70	0.00
62 S	4-Bromofluorobenzene	0.508	0.555	-9.3	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
64 T	Tetrachloroethene	0.492	0.499	-1.4	78	0.00
65 PM	Chlorobenzene	1.282	1.269	1.0	79	0.00
66 T	1,1,1,2-Tetrachloroethane	0.451	0.464	-2.9	83	0.00
67 C	Ethyl Benzene	2.036	2.128	-4.5#	83	0.00
68 T	m/p-Xylenes	0.795	0.830	-4.4	79	0.00
69 T	o-Xylene	0.731	0.810	-10.8	85	0.00
70 T	Styrene	1.227	1.382	-12.6	85	0.00
71 P	Bromoform	0.386	0.411	-6.5	82	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.152	3.504	-11.2	85	0.00
74 T	N-amyl acetate	1.531	1.760	-15.0	87	0.00
75 P	1,1,2,2-Tetrachloroethane	1.283	1.295	-0.9	87	0.00
76 T	1,2,3-Trichloropropane	1.121	1.188	-6.0	87	0.00
77 T	Bromobenzene	0.915	0.962	-5.1	86	0.00
78 T	n-propylbenzene	3.616	3.985	-10.2	84	0.00
79 T	2-Chlorotoluene	2.254	2.456	-9.0	86	0.00
80 T	1,3,5-Trimethylbenzene	2.664	2.992	-12.3	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.367	0.339	7.6	75	0.00
82 T	4-Chlorotoluene	2.653	2.877	-8.4	85	0.00
83 T	tert-Butylbenzene	2.595	2.925	-12.7	87	0.00
84 T	1,2,4-Trimethylbenzene	2.728	3.113	-14.1	85	0.00
85 T	sec-Butylbenzene	3.161	3.464	-9.6	84	0.00
86 T	p-Isopropyltoluene	2.863	3.123	-9.1	84	0.00
87 T	1,3-Dichlorobenzene	1.709	1.761	-3.0	85	0.00
88 T	1,4-Dichlorobenzene	1.765	1.789	-1.4	85	0.00
89 T	n-Butylbenzene	2.601	2.741	-5.4	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.477	0.498	-4.4	89	0.00
91 T	1,2-Dichlorobenzene	1.786	1.797	-0.6	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.282	0.304	-7.8	91	0.00
93 T	1,2,4-Trichlorobenzene	1.253	1.327	-5.9	85	0.00
94 T	Hexachlorobutadiene	0.650	0.611	6.0	82	0.00
95 T	Naphthalene	3.727	4.358	-16.9	87	0.00
96 T	1,2,3-Trichlorobenzene	1.294	1.364	-5.4	85	0.00

(#) = Out of Range

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