

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX092818\
 Data File : VX004857.D
 Acq On : 29 Sep 2018 08:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 01 01:34:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 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	82	0.00
2 T	Dichlorodifluoromethane	0.682	0.807	-18.3	82	0.00
3 P	Chloromethane	0.827	0.871	-5.3	80	0.00
4 C	Vinyl Chloride	0.776	0.848	-9.3#	83	0.00
5 T	Bromomethane	0.460	0.427	7.2	73	0.00
6 T	Chloroethane	0.495	0.500	-1.0	90	0.00
7 T	Trichlorofluoromethane	0.960	1.097	-14.3	84	0.00
8 T	Diethyl Ether	0.417	0.425	-1.9	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.547	0.602	-10.1	93	0.00
10 T	Methyl Iodide	0.732	0.584	20.2#	55	0.00
11 T	Tert butyl alcohol	0.200	0.207	-3.5	84	0.00
12 CM	1,1-Dichloroethene	0.542	0.556	-2.6#	87	0.00
13 T	Acrolein	0.142	0.094	33.8#	55	0.00
14 T	Allyl chloride	1.182	1.194	-1.0	80	0.00
15 T	Acrylonitrile	0.440	0.450	-2.3	80	0.00
16 T	Acetone	0.417	0.405	2.9	76	0.00
17 T	Carbon Disulfide	1.628	1.668	-2.5	81	0.00
18 T	Methyl Acetate	1.056	1.156	-9.5	89	0.00
19 T	Methyl tert-butyl Ether	1.869	2.070	-10.8	92	0.00
20 T	Methylene Chloride	0.670	0.686	-2.4	81	0.00
21 T	trans-1,2-Dichloroethene	0.593	0.614	-3.5	81	0.00
22 T	Diisopropyl ether	1.991	2.176	-9.3	86	0.00
23 T	Vinyl Acetate	1.822	1.983	-8.8	83	0.00
24 P	1,1-Dichloroethane	1.187	1.177	0.8	77	0.00
25 T	2-Butanone	0.615	0.639	-3.9	83	-0.01
26 T	2,2-Dichloropropane	0.827	0.556	32.8#	55	0.00
27 T	cis-1,2-Dichloroethene	0.663	0.706	-6.5	84	-0.01
28 T	Bromochloromethane	0.559	0.579	-3.6	87	0.00
29 T	Tetrahydrofuran	0.382	0.406	-6.3	81	0.00
30 C	Chloroform	1.122	1.109	1.2#	84	0.00
31 T	Cyclohexane	0.909	1.022	-12.4	82	0.00
32 T	1,1,1-Trichloroethane	0.916	0.962	-5.0	85	0.00
33 S	1,2-Dichloroethane-d4	0.714	0.722	-1.1	77	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.424	0.404	4.7	74	0.00
36 T	1,1-Dichloropropene	0.578	0.588	-1.7	85	0.00
37 T	Ethyl Acetate	0.767	0.785	-2.3	83	0.00
38 T	Carbon Tetrachloride	0.608	0.589	3.1	81	0.00
39 T	Methylcyclohexane	0.590	0.650	-10.2	92	0.00
40 TM	Benzene	1.810	1.761	2.7	82	0.00
41 T	Methacrylonitrile	0.426	0.434	-1.9	80	0.00
42 TM	1,2-Dichloroethane	0.640	0.634	0.9	83	0.00
43 T	Isopropyl Acetate	1.108	1.142	-3.1	78	0.00
44 TM	Trichloroethene	0.445	0.445	0.0	89	0.00
45 C	1,2-Dichloropropane	0.444	0.459	-3.4#	90	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	0.291	-4.3	91	0.00
47 T	Bromodichloromethane	0.522	0.566	-8.4	93	0.00
48 T	Methyl methacrylate	0.503	0.580	-15.3	92	0.00
49 T	1,4-Dioxane	0.012	0.013	-8.3	81	0.00
50 S	Toluene-d8	1.409	1.481	-5.1	91	0.00
51 T	4-Methyl-2-Pentanone	0.697	0.775	-11.2	90	0.00
52 CM	Toluene	0.995	1.055	-6.0#	86	0.00
53 T	t-1,3-Dichloropropene	0.590	0.592	-0.3	77	0.00
54 T	cis-1,3-Dichloropropene	0.618	0.645	-4.4	86	0.00
55 T	1,1,2-Trichloroethane	0.436	0.435	0.2	81	0.00
56 T	Ethyl methacrylate	0.628	0.688	-9.6	84	0.00
57 T	1,3-Dichloropropane	0.725	0.736	-1.5	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.331	0.379	-14.5	87	0.00
59 T	2-Hexanone	0.581	0.613	-5.5	80	0.00
60 T	Dibromochloromethane	0.436	0.449	-3.0	77	0.00
61 T	1,2-Dibromoethane	0.467	0.451	3.4	74	0.00
62 S	4-Bromofluorobenzene	0.508	0.552	-8.7	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64 T	Tetrachloroethene	0.492	0.474	3.7	81	0.00
65 PM	Chlorobenzene	1.282	1.249	2.6	85	0.00
66 T	1,1,1,2-Tetrachloroethane	0.451	0.453	-0.4	89	0.00
67 C	Ethyl Benzene	2.036	2.127	-4.5#	91	0.00
68 T	m/p-Xylenes	0.795	0.827	-4.0	86	0.00
69 T	o-Xylene	0.731	0.805	-10.1	93	0.00
70 T	Styrene	1.227	1.362	-11.0	92	0.00
71 P	Bromoform	0.386	0.392	-1.6	85	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	3.152	3.462	-9.8	93	0.00
74 T	N-amyl acetate	1.531	1.707	-11.5	94	0.00
75 P	1,1,2,2-Tetrachloroethane	1.283	1.238	3.5	92	0.00
76 T	1,2,3-Trichloropropane	1.121	1.137	-1.4	92	0.00
77 T	Bromobenzene	0.915	0.925	-1.1	91	0.00
78 T	n-propylbenzene	3.616	3.999	-10.6	93	0.00
79 T	2-Chlorotoluene	2.254	2.389	-6.0	92	0.00
80 T	1,3,5-Trimethylbenzene	2.664	2.956	-11.0	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.367	0.311	15.3	76	0.00
82 T	4-Chlorotoluene	2.653	2.834	-6.8	92	0.00
83 T	tert-Butylbenzene	2.595	2.888	-11.3	94	0.00
84 T	1,2,4-Trimethylbenzene	2.728	3.048	-11.7	92	0.00
85 T	sec-Butylbenzene	3.161	3.477	-10.0	93	0.00
86 T	p-Isopropyltoluene	2.863	3.125	-9.2	92	0.00
87 T	1,3-Dichlorobenzene	1.709	1.720	-0.6	92	0.00
88 T	1,4-Dichlorobenzene	1.765	1.732	1.9	91	0.00
89 T	n-Butylbenzene	2.601	2.791	-7.3	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.477	0.492	-3.1	97	0.00
91 T	1,2-Dichlorobenzene	1.786	1.742	2.5	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.282	0.284	-0.7	94	0.00
93 T	1,2,4-Trichlorobenzene	1.253	1.292	-3.1	92	0.00
94 T	Hexachlorobutadiene	0.650	0.607	6.6	90	0.00
95 T	Naphthalene	3.727	4.133	-10.9	91	0.00
96 T	1,2,3-Trichlorobenzene	1.294	1.322	-2.2	91	0.00

(#) = Out of Range

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