

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102618\
 Data File : VX005599.D
 Acq On : 26 Oct 2018 12:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 27 05:09:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 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	100	0.00
2 T	Dichlorodifluoromethane	0.494	0.601	-21.7#	108	0.00
3 P	Chloromethane	0.629	0.633	-0.6	102	0.00
4 C	Vinyl Chloride	0.618	0.617	0.2#	97	0.00
5 T	Bromomethane	0.385	0.382	0.8	105	0.00
6 T	Chloroethane	0.395	0.362	8.4	94	0.00
7 T	Trichlorofluoromethane	0.859	0.856	0.3	99	0.00
8 T	Diethyl Ether	0.343	0.319	7.0	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.493	0.482	2.2	98	0.00
10 T	Methyl Iodide	0.466	0.580	-24.5#	111	0.00
11 T	Tert butyl alcohol	0.164	0.155	5.5	97	0.00
12 CM	1,1-Dichloroethene	0.469	0.446	4.9#	96	0.00
13 T	Acrolein	0.084	0.070	16.7	83	0.00
14 T	Allyl chloride	1.047	0.992	5.3	95	0.00
15 T	Acrylonitrile	0.368	0.337	8.4	93	0.00
16 T	Acetone	0.323	0.324	-0.3	103	0.00
17 T	Carbon Disulfide	1.431	1.355	5.3	96	0.00
18 T	Methyl Acetate	0.903	0.793	12.2	95	0.00
19 T	Methyl tert-butyl Ether	1.674	1.570	6.2	95	0.00
20 T	Methylene Chloride	0.540	0.504	6.7	97	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.474	7.4	96	0.00
22 T	Diisopropyl ether	1.829	1.724	5.7	96	0.00
23 T	Vinyl Acetate	1.611	1.593	1.1	96	0.00
24 P	1,1-Dichloroethane	0.995	0.941	5.4	99	0.00
25 T	2-Butanone	0.491	0.456	7.1	96	0.00
26 T	2,2-Dichloropropane	0.768	0.695	9.5	94	0.00
27 T	cis-1,2-Dichloroethene	0.552	0.489	11.4	92	0.00
28 T	Bromochloromethane	0.481	0.432	10.2	89	0.00
29 T	Tetrahydrofuran	0.320	0.294	8.1	94	0.00
30 C	Chloroform	0.930	0.864	7.1#	96	0.00
31 T	Cyclohexane	0.823	0.797	3.2	93	0.00
32 T	1,1,1-Trichloroethane	0.821	0.763	7.1	92	0.00
33 S	1,2-Dichloroethane-d4	0.610	0.565	7.4	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.339	0.324	4.4	91	0.00
36 T	1,1-Dichloropropene	0.485	0.468	3.5	94	0.00
37 T	Ethyl Acetate	0.619	0.586	5.3	94	0.00
38 T	Carbon Tetrachloride	0.511	0.491	3.9	94	0.00
39 T	Methylcyclohexane	0.536	0.565	-5.4	96	0.00
40 TM	Benzene	1.391	1.361	2.2	94	0.00
41 T	Methacrylonitrile	0.345	0.322	6.7	91	0.00
42 TM	1,2-Dichloroethane	0.528	0.505	4.4	93	0.00
43 T	Isopropyl Acetate	0.928	0.868	6.5	88	0.00
44 TM	Trichloroethene	0.379	0.373	1.6	96	0.00
45 C	1,2-Dichloropropane	0.374	0.365	2.4#	95	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	0.242	0.239	1.2	95	0.00
47 T	Bromodichloromethane	0.469	0.468	0.2	96	0.00
48 T	Methyl methacrylate	0.452	0.466	-3.1	95	0.00
49 T	1,4-Dioxane	0.010	0.010	0.0	96	0.00
50 S	Toluene-d8	1.217	1.248	-2.5	94	0.00
51 T	4-Methyl-2-Pentanone	0.624	0.633	-1.4	95	0.00
52 CM	Toluene	0.845	0.871	-3.1#	96	0.00
53 T	t-1,3-Dichloropropene	0.507	0.523	-3.2	94	0.00
54 T	cis-1,3-Dichloropropene	0.545	0.569	-4.4	95	0.00
55 T	1,1,2-Trichloroethane	0.356	0.355	0.3	96	0.00
56 T	Ethyl methacrylate	0.532	0.551	-3.6	94	0.00
57 T	1,3-Dichloropropane	0.603	0.599	0.7	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.297	0.303	-2.0	92	0.00
59 T	2-Hexanone	0.492	0.511	-3.9	96	0.00
60 T	Dibromochloromethane	0.372	0.383	-3.0	96	0.00
61 T	1,2-Dibromoethane	0.369	0.373	-1.1	96	0.00
62 S	4-Bromofluorobenzene	0.459	0.474	-3.3	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.415	0.423	-1.9	100	0.00
65 PM	Chlorobenzene	1.065	1.047	1.7	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.382	1.5	96	0.00
67 C	Ethyl Benzene	1.752	1.800	-2.7#	96	0.00
68 T	m/p-Xylenes	0.680	0.704	-3.5	97	0.00
69 T	o-Xylene	0.639	0.663	-3.8	96	0.00
70 T	Styrene	1.070	1.138	-6.4	97	0.00
71 P	Bromoform	0.346	0.343	0.9	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.056	3.118	-2.0	97	0.00
74 T	N-amyl acetate	1.514	1.480	2.2	93	0.00
75 P	1,1,2,2-Tetrachloroethane	1.128	1.055	6.5	96	0.00
76 T	1,2,3-Trichloropropane	1.059	1.022	3.5	98	0.00
77 T	Bromobenzene	0.852	0.832	2.3	98	0.00
78 T	n-propylbenzene	3.495	3.688	-5.5	100	0.00
79 T	2-Chlorotoluene	2.167	2.165	0.1	98	0.00
80 T	1,3,5-Trimethylbenzene	2.615	2.724	-4.2	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.324	0.324	0.0	96	0.00
82 T	4-Chlorotoluene	2.555	2.598	-1.7	99	0.00
83 T	tert-Butylbenzene	2.606	2.639	-1.3	97	0.00
84 T	1,2,4-Trimethylbenzene	2.650	2.810	-6.0	99	0.00
85 T	sec-Butylbenzene	3.110	3.225	-3.7	98	0.00
86 T	p-Isopropyltoluene	2.780	2.964	-6.6	99	0.00
87 T	1,3-Dichlorobenzene	1.602	1.578	1.5	99	0.00
88 T	1,4-Dichlorobenzene	1.672	1.620	3.1	101	0.00
89 T	n-Butylbenzene	2.510	2.659	-5.9	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.479	0.479	0.0	98	0.00
91 T	1,2-Dichlorobenzene	1.621	1.573	3.0	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.273	0.258	5.5	95	0.00
93 T	1,2,4-Trichlorobenzene	1.175	1.211	-3.1	101	0.00
94 T	Hexachlorobutadiene	0.609	0.606	0.5	104	0.00
95 T	Naphthalene	3.415	3.571	-4.6	96	0.00
96 T	1,2,3-Trichlorobenzene	1.191	1.207	-1.3	98	0.00

(#) = Out of Range

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