

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102418\
 Data File : VX005579.D
 Acq On : 25 Oct 2018 08:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 26 13:26:56 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	94	0.00
2 T	Dichlorodifluoromethane	0.494	0.364	26.3#	62	0.00
3 P	Chloromethane	0.629	0.539	14.3	81	0.00
4 C	Vinyl Chloride	0.618	0.570	7.8#	84	0.00
5 T	Bromomethane	0.385	0.311	19.2	80	0.00
6 T	Chloroethane	0.395	0.351	11.1	85	0.00
7 T	Trichlorofluoromethane	0.859	0.817	4.9	88	0.00
8 T	Diethyl Ether	0.343	0.333	2.9	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.493	0.462	6.3	88	0.00
10 T	Methyl Iodide	0.466	0.574	-23.2#	103	0.00
11 T	Tert butyl alcohol	0.164	0.172	-4.9	100	0.00
12 CM	1,1-Dichloroethene	0.469	0.465	0.9#	94	0.00
13 T	Acrolein	0.084	0.074	11.9	82	0.00
14 T	Allyl chloride	1.047	0.972	7.2	87	0.00
15 T	Acrylonitrile	0.368	0.365	0.8	94	0.00
16 T	Acetone	0.323	0.336	-4.0	100	0.00
17 T	Carbon Disulfide	1.431	1.314	8.2	87	0.00
18 T	Methyl Acetate	0.903	0.896	0.8	100	0.00
19 T	Methyl tert-butyl Ether	1.674	1.646	1.7	93	0.00
20 T	Methylene Chloride	0.540	0.540	0.0	97	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.496	3.1	94	0.00
22 T	Diisopropyl ether	1.829	1.734	5.2	90	0.00
23 T	Vinyl Acetate	1.611	1.590	1.3	89	0.00
24 P	1,1-Dichloroethane	0.995	0.972	2.3	95	0.00
25 T	2-Butanone	0.491	0.514	-4.7	102	-0.01
26 T	2,2-Dichloropropane	0.768	0.463	39.7#	58	0.00
27 T	cis-1,2-Dichloroethene	0.552	0.537	2.7	94	0.00
28 T	Bromochloromethane	0.481	0.492	-2.3	95	0.00
29 T	Tetrahydrofuran	0.320	0.339	-5.9	101	0.00
30 C	Chloroform	0.930	0.956	-2.8#	100	0.01
31 T	Cyclohexane	0.823	0.803	2.4	87	0.00
32 T	1,1,1-Trichloroethane	0.821	0.795	3.2	90	0.00
33 S	1,2-Dichloroethane-d4	0.610	0.627	-2.8	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.339	0.330	2.7	92	0.00
36 T	1,1-Dichloropropene	0.485	0.477	1.6	95	0.00
37 T	Ethyl Acetate	0.619	0.664	-7.3	106	0.00
38 T	Carbon Tetrachloride	0.511	0.483	5.5	92	0.00
39 T	Methylcyclohexane	0.536	0.513	4.3	86	0.00
40 TM	Benzene	1.391	1.371	1.4	95	0.00
41 T	Methacrylonitrile	0.345	0.336	2.6	94	0.00
42 TM	1,2-Dichloroethane	0.528	0.512	3.0	93	0.00
43 T	Isopropyl Acetate	0.928	0.926	0.2	94	0.00
44 TM	Trichloroethene	0.379	0.370	2.4	95	0.00
45 C	1,2-Dichloropropane	0.374	0.367	1.9#	95	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.242	0.236	2.5	94	0.00
47 T	Bromodichloromethane	0.469	0.474	-1.1	96	0.00
48 T	Methyl methacrylate	0.452	0.472	-4.4	96	0.00
49 T	1,4-Dioxane	0.010	0.011	-10.0	101	-0.01
50 S	Toluene-d8	1.217	1.255	-3.1	94	0.00
51 T	4-Methyl-2-Pentanone	0.624	0.640	-2.6	96	0.00
52 CM	Toluene	0.845	0.848	-0.4#	94	0.00
53 T	t-1,3-Dichloropropene	0.507	0.490	3.4	88	0.00
54 T	cis-1,3-Dichloropropene	0.545	0.524	3.9	87	0.00
55 T	1,1,2-Trichloroethane	0.356	0.352	1.1	95	0.00
56 T	Ethyl methacrylate	0.532	0.551	-3.6	94	0.00
57 T	1,3-Dichloropropane	0.603	0.595	1.3	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.297	0.309	-4.0	94	0.00
59 T	2-Hexanone	0.492	0.510	-3.7	95	0.00
60 T	Dibromochloromethane	0.372	0.380	-2.2	94	0.00
61 T	1,2-Dibromoethane	0.369	0.371	-0.5	95	0.00
62 S	4-Bromofluorobenzene	0.459	0.474	-3.3	95	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.415	0.412	0.7	97	0.00
65 PM	Chlorobenzene	1.065	1.023	3.9	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.375	3.4	94	0.00
67 C	Ethyl Benzene	1.752	1.758	-0.3#	93	0.00
68 T	m/p-Xylenes	0.680	0.683	-0.4	94	0.00
69 T	o-Xylene	0.639	0.650	-1.7	93	0.00
70 T	Styrene	1.070	1.106	-3.4	94	0.00
71 P	Bromoform	0.346	0.337	2.6	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	3.056	3.134	-2.6	93	0.00
74 T	N-amyl acetate	1.514	1.561	-3.1	95	0.00
75 P	1,1,2,2-Tetrachloroethane	1.128	1.075	4.7	94	0.00
76 T	1,2,3-Trichloropropane	1.059	1.013	4.3	93	0.00
77 T	Bromobenzene	0.852	0.826	3.1	94	0.00
78 T	n-propylbenzene	3.495	3.630	-3.9	95	0.00
79 T	2-Chlorotoluene	2.167	2.149	0.8	93	0.00
80 T	1,3,5-Trimethylbenzene	2.615	2.692	-2.9	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.324	0.278	14.2	80	0.00
82 T	4-Chlorotoluene	2.555	2.557	-0.1	94	0.00
83 T	tert-Butylbenzene	2.606	2.623	-0.7	93	0.00
84 T	1,2,4-Trimethylbenzene	2.650	2.774	-4.7	94	0.00
85 T	sec-Butylbenzene	3.110	3.180	-2.3	93	0.00
86 T	p-Isopropyltoluene	2.780	2.874	-3.4	92	0.00
87 T	1,3-Dichlorobenzene	1.602	1.545	3.6	93	0.00
88 T	1,4-Dichlorobenzene	1.672	1.555	7.0	93	0.00
89 T	n-Butylbenzene	2.510	2.512	-0.1	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.479	0.476	0.6	94	0.00
91 T	1,2-Dichlorobenzene	1.621	1.566	3.4	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.273	0.274	-0.4	97	0.00
93 T	1,2,4-Trichlorobenzene	1.175	1.171	0.3	94	0.00
94 T	Hexachlorobutadiene	0.609	0.553	9.2	91	0.00
95 T	Naphthalene	3.415	3.647	-6.8	94	0.00
96 T	1,2,3-Trichlorobenzene	1.191	1.197	-0.5	93	0.00

(#) = Out of Range

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