

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX013120\
 Data File : VX014784.D
 Acq On : 31 Jan 2020 17:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 31 17:55:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 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	103	-0.01
2 T	Dichlorodifluoromethane	0.598	0.594	0.7	88	0.00
3 P	Chloromethane	0.676	0.578	14.5	85	0.00
4 C	Vinyl Chloride	0.731	0.680	7.0#	88	0.00
5 T	Bromomethane	0.497	0.433	12.9	91	0.00
6 T	Chloroethane	0.458	0.375	18.1	86	0.00
7 T	Trichlorofluoromethane	0.852	0.785	7.9	95	0.00
8 T	Diethyl Ether	0.372	0.334	10.2	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.500	0.472	5.6	97	0.00
10 T	Methyl Iodide	0.656	0.615	6.3	87	0.00
11 T	Tert butyl alcohol	0.131	0.098	25.2#	88	0.00
12 CM	1,1-Dichloroethene	0.497	0.452	9.1#	93	0.00
13 T	Acrolein	0.103	0.113	-9.7	115	0.00
14 T	Allyl chloride	0.893	0.808	9.5	90	0.00
15 T	Acrylonitrile	0.303	0.264	12.9	90	0.00
16 T	Acetone	0.348	0.221	36.5#	71	0.00
17 T	Carbon Disulfide	1.358	1.149	15.4	85	0.00
18 T	Methyl Acetate	0.913	0.817	10.5	92	0.00
19 T	Methyl tert-butyl Ether	1.628	1.535	5.7	95	0.00
20 T	Methylene Chloride	0.592	0.527	11.0	95	0.00
21 T	trans-1,2-Dichloroethene	0.547	0.485	11.3	93	0.00
22 T	Diisopropyl ether	1.777	1.680	5.5	93	0.00
23 T	Vinyl Acetate	1.355	1.302	3.9	97	0.00
24 P	1,1-Dichloroethane	0.965	0.900	6.7	94	0.00
25 T	2-Butanone	0.458	0.358	21.8#	81	0.00
26 T	2,2-Dichloropropane	0.773	0.747	3.4	98	0.00
27 T	cis-1,2-Dichloroethene	0.613	0.565	7.8	95	0.00
28 T	Bromochloromethane	0.424	0.339	20.0#	87	0.00
29 T	Tetrahydrofuran	0.272	0.233	14.3	88	0.00
30 C	Chloroform	0.956	0.896	6.3#	96	-0.01
31 T	Cyclohexane	0.908	0.818	9.9	90	0.00
32 T	1,1,1-Trichloroethane	0.808	0.761	5.8	97	-0.01
33 S	1,2-Dichloroethane-d4	0.584	0.538	7.9	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.315	0.303	3.8	95	0.00
36 T	1,1-Dichloropropene	0.465	0.466	-0.2	94	0.00
37 T	Ethyl Acetate	0.532	0.489	8.1	89	0.00
38 T	Carbon Tetrachloride	0.444	0.450	-1.4	96	0.00
39 T	Methylcyclohexane	0.582	0.586	-0.7	93	0.00
40 TM	Benzene	1.436	1.412	1.7	93	0.00
41 T	Methacrylonitrile	0.319	0.280	12.2	90	0.00
42 TM	1,2-Dichloroethane	0.496	0.499	-0.6	96	0.00
43 T	Isopropyl Acetate	0.871	0.815	6.4	90	0.00
44 TM	Trichloroethene	0.405	0.393	3.0	94	0.00
45 C	1,2-Dichloropropane	0.370	0.370	0.0	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	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.240	0.239	0.4	94	0.00
47 T	Bromodichloromethane	0.470	0.482	-2.6	96	0.00
48 T	Methyl methacrylate	0.416	0.412	1.0	91	0.00
49 T	1,4-Dioxane	0.009	0.007	22.2#	84	0.00
50 S	Toluene-d8	1.213	1.156	4.7	94	0.00
51 T	4-Methyl-2-Pentanone	0.550	0.511	7.1	90	0.00
52 CM	Toluene	0.882	0.889	-0.8#	94	0.00
53 T	t-1,3-Dichloropropene	0.506	0.538	-6.3	97	0.00
54 T	cis-1,3-Dichloropropene	0.556	0.589	-5.9	95	0.00
55 T	1,1,2-Trichloroethane	0.361	0.363	-0.6	95	0.00
56 T	Ethyl methacrylate	0.544	0.569	-4.6	94	0.00
57 T	1,3-Dichloropropane	0.618	0.616	0.3	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.182	0.187	-2.7	91	0.00
59 T	2-Hexanone	0.427	0.379	11.2	85	0.00
60 T	Dibromochloromethane	0.377	0.392	-4.0	98	0.00
61 T	1,2-Dibromoethane	0.382	0.383	-0.3	96	0.00
62 S	4-Bromofluorobenzene	0.432	0.415	3.9	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.495	0.454	8.3	86	0.00
65 PM	Chlorobenzene	1.069	1.053	1.5	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.396	-0.5	99	0.00
67 C	Ethyl Benzene	1.826	1.858	-1.8#	96	0.00
68 T	m/p-Xylenes	0.692	0.712	-2.9	96	0.00
69 T	o-Xylene	0.668	0.684	-2.4	96	0.00
70 T	Styrene	1.120	1.190	-6.2	96	0.00
71 P	Bromoform	0.314	0.328	-4.5	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.516	3.567	-1.5	98	0.00
74 T	N-amyl acetate	1.541	1.503	2.5	93	0.00
75 P	1,1,2,2-Tetrachloroethane	1.255	1.120	10.8	95	0.00
76 T	1,2,3-Trichloropropane	1.163	0.966	16.9	83	0.00
77 T	Bromobenzene	0.944	0.936	0.8	100	0.00
78 T	n-propylbenzene	3.991	4.072	-2.0	97	0.00
79 T	2-Chlorotoluene	2.415	2.377	1.6	97	0.00
80 T	1,3,5-Trimethylbenzene	2.918	3.014	-3.3	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.409	0.387	5.4	93	0.00
82 T	4-Chlorotoluene	2.749	2.771	-0.8	98	0.00
83 T	tert-Butylbenzene	2.742	2.838	-3.5	103	0.00
84 T	1,2,4-Trimethylbenzene	2.927	3.007	-2.7	98	0.00
85 T	sec-Butylbenzene	3.359	3.511	-4.5	99	0.00
86 T	p-Isopropyltoluene	3.104	3.243	-4.5	99	0.00
87 T	1,3-Dichlorobenzene	1.697	1.651	2.7	98	0.00
88 T	1,4-Dichlorobenzene	1.700	1.652	2.8	99	0.00
89 T	n-Butylbenzene	2.704	2.840	-5.0	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.577	0.573	0.7	100	0.00
91 T	1,2-Dichlorobenzene	1.686	1.652	2.0	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.270	0.235	13.0	91	0.00
93 T	1,2,4-Trichlorobenzene	1.087	1.122	-3.2	99	0.00
94 T	Hexachlorobutadiene	0.559	0.587	-5.0	104	0.00
95 T	Naphthalene	3.127	3.167	-1.3	92	0.00
96 T	1,2,3-Trichlorobenzene	1.099	1.123	-2.2	97	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5