

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX012720\
 Data File : VX014714.D
 Acq On : 27 Jan 2020 09:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 28 03:28:04 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	110	0.00
2 T	Dichlorodifluoromethane	0.598	0.642	-7.4	101	0.00
3 P	Chloromethane	0.676	0.642	5.0	100	0.00
4 C	Vinyl Chloride	0.731	0.738	-1.0#	101	0.00
5 T	Bromomethane	0.497	0.444	10.7	99	0.00
6 T	Chloroethane	0.458	0.402	12.2	98	0.00
7 T	Trichlorofluoromethane	0.852	0.798	6.3	102	0.00
8 T	Diethyl Ether	0.372	0.345	7.3	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.500	0.486	2.8	106	0.00
10 T	Methyl Iodide	0.656	0.653	0.5	98	0.00
11 T	Tert butyl alcohol	0.131	0.102	22.1#	98	0.00
12 CM	1,1-Dichloroethene	0.497	0.463	6.8#	102	0.00
13 T	Acrolein	0.103	0.205	-99.0#	222#	0.00
14 T	Allyl chloride	0.893	0.873	2.2	103	0.00
15 T	Acrylonitrile	0.303	0.276	8.9	100	0.00
16 T	Acetone	0.348	0.354	-1.7	121	0.00
17 T	Carbon Disulfide	1.358	1.288	5.2	101	0.00
18 T	Methyl Acetate	0.913	0.842	7.8	101	0.00
19 T	Methyl tert-butyl Ether	1.628	1.561	4.1	103	0.00
20 T	Methylene Chloride	0.592	0.536	9.5	102	0.00
21 T	trans-1,2-Dichloroethene	0.547	0.507	7.3	103	0.00
22 T	Diisopropyl ether	1.777	1.752	1.4	103	0.00
23 T	Vinyl Acetate	1.355	1.365	-0.7	108	0.00
24 P	1,1-Dichloroethane	0.965	0.926	4.0	103	0.00
25 T	2-Butanone	0.458	0.448	2.2	108	0.00
26 T	2,2-Dichloropropane	0.773	0.763	1.3	106	0.00
27 T	cis-1,2-Dichloroethene	0.613	0.570	7.0	102	0.00
28 T	Bromochloromethane	0.424	0.386	9.0	105	0.00
29 T	Tetrahydrofuran	0.272	0.247	9.2	99	0.00
30 C	Chloroform	0.956	0.910	4.8#	103	-0.01
31 T	Cyclohexane	0.908	0.876	3.5	102	0.00
32 T	1,1,1-Trichloroethane	0.808	0.769	4.8	104	0.00
33 S	1,2-Dichloroethane-d4	0.584	0.521	10.8	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35 S	Dibromofluoromethane	0.315	0.289	8.3	99	0.00
36 T	1,1-Dichloropropene	0.465	0.467	-0.4	102	0.00
37 T	Ethyl Acetate	0.532	0.512	3.8	101	0.00
38 T	Carbon Tetrachloride	0.444	0.449	-1.1	104	0.00
39 T	Methylcyclohexane	0.582	0.598	-2.7	103	0.00
40 TM	Benzene	1.436	1.417	1.3	102	0.00
41 T	Methacrylonitrile	0.319	0.291	8.8	102	0.00
42 TM	1,2-Dichloroethane	0.496	0.495	0.2	104	0.00
43 T	Isopropyl Acetate	0.871	0.828	4.9	99	0.00
44 TM	Trichloroethene	0.405	0.391	3.5	102	0.00
45 C	1,2-Dichloropropane	0.370	0.375	-1.4#	105	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	103	0.00
47 T	Bromodichloromethane	0.470	0.480	-2.1	104	0.00
48 T	Methyl methacrylate	0.416	0.417	-0.2	100	0.00
49 T	1,4-Dioxane	0.009	0.008	11.1	99	0.00
50 S	Toluene-d8	1.213	1.119	7.7	99	0.00
51 T	4-Methyl-2-Pentanone	0.550	0.526	4.4	101	0.00
52 CM	Toluene	0.882	0.900	-2.0#	103	0.00
53 T	t-1,3-Dichloropropene	0.506	0.538	-6.3	105	0.00
54 T	cis-1,3-Dichloropropene	0.556	0.596	-7.2	105	0.00
55 T	1,1,2-Trichloroethane	0.361	0.360	0.3	102	0.00
56 T	Ethyl methacrylate	0.544	0.568	-4.4	102	0.00
57 T	1,3-Dichloropropane	0.618	0.610	1.3	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.182	0.191	-4.9	102	0.00
59 T	2-Hexanone	0.427	0.427	0.0	104	0.00
60 T	Dibromochloromethane	0.377	0.389	-3.2	105	0.00
61 T	1,2-Dibromoethane	0.382	0.374	2.1	102	0.00
62 S	4-Bromofluorobenzene	0.432	0.392	9.3	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
64 T	Tetrachloroethene	0.495	0.453	8.5	93	0.00
65 PM	Chlorobenzene	1.069	1.047	2.1	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.395	-0.3	107	0.00
67 C	Ethyl Benzene	1.826	1.859	-1.8#	104	0.00
68 T	m/p-Xylenes	0.692	0.718	-3.8	104	0.00
69 T	o-Xylene	0.668	0.687	-2.8	105	0.00
70 T	Styrene	1.120	1.201	-7.2	105	0.00
71 P	Bromoform	0.314	0.325	-3.5	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.516	3.612	-2.7	104	0.00
74 T	N-amyl acetate	1.541	1.580	-2.5	102	0.00
75 P	1,1,2,2-Tetrachloroethane	1.255	1.162	7.4	104	0.00
76 T	1,2,3-Trichloropropane	1.163	0.975	16.2	88	0.00
77 T	Bromobenzene	0.944	0.935	1.0	105	0.00
78 T	n-propylbenzene	3.991	4.193	-5.1	105	0.00
79 T	2-Chlorotoluene	2.415	2.451	-1.5	105	0.00
80 T	1,3,5-Trimethylbenzene	2.918	3.081	-5.6	105	0.00
81 T	trans-1,4-Dichloro-2-butene	0.409	0.414	-1.2	105	0.00
82 T	4-Chlorotoluene	2.749	2.865	-4.2	106	0.00
83 T	tert-Butylbenzene	2.742	2.841	-3.6	108	0.00
84 T	1,2,4-Trimethylbenzene	2.927	3.073	-5.0	105	0.00
85 T	sec-Butylbenzene	3.359	3.585	-6.7	106	0.00
86 T	p-Isopropyltoluene	3.104	3.323	-7.1	107	0.00
87 T	1,3-Dichlorobenzene	1.697	1.683	0.8	105	0.00
88 T	1,4-Dichlorobenzene	1.700	1.694	0.4	107	0.00
89 T	n-Butylbenzene	2.704	2.947	-9.0	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.577	0.596	-3.3	110	0.00
91 T	1,2-Dichlorobenzene	1.686	1.677	0.5	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.270	0.246	8.9	100	0.00
93 T	1,2,4-Trichlorobenzene	1.087	1.162	-6.9	108	0.00
94 T	Hexachlorobutadiene	0.559	0.573	-2.5	106	0.00
95 T	Naphthalene	3.127	3.369	-7.7	103	0.00
96 T	1,2,3-Trichlorobenzene	1.099	1.177	-7.1	107	0.00

(#) = Out of Range

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