

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX042320\
 Data File : VX015904.D
 Acq On : 23 Apr 2020 20:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 24 07:50:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 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	82	0.00
2 T	Dichlorodifluoromethane	0.428	0.513	-19.9	85	0.00
3 P	Chloromethane	0.438	0.474	-8.2	85	0.00
4 C	Vinyl Chloride	0.507	0.523	-3.2#	83	0.00
5 T	Bromomethane	0.170	0.201	-18.2	83	0.00
6 T	Chloroethane	0.289	0.295	-2.1	81	0.00
7 T	Trichlorofluoromethane	0.629	0.696	-10.7	85	0.00
8 T	Diethyl Ether	0.255	0.249	2.4	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.427	0.434	-1.6	84	0.00
10 T	Methyl Iodide	0.528	0.523	0.9	79	0.00
11 T	Tert butyl alcohol	0.116	0.126	-8.6	86	0.00
12 CM	1,1-Dichloroethene	0.438	0.449	-2.5#	81	0.00
13 T	Acrolein	0.069	0.072	-4.3	87	0.00
14 T	Allyl chloride	0.931	0.944	-1.4	80	0.00
15 T	Acrylonitrile	0.270	0.290	-7.4	84	0.00
16 T	Acetone	0.248	0.243	2.0	85	0.00
17 T	Carbon Disulfide	1.590	1.141	28.2#	73	0.00
18 T	Methyl Acetate	0.817	0.840	-2.8	84	0.00
19 T	Methyl tert-butyl Ether	1.546	1.677	-8.5	86	0.00
20 T	Methylene Chloride	0.503	0.517	-2.8	84	0.00
21 T	trans-1,2-Dichloroethene	0.486	0.503	-3.5	84	0.00
22 T	Diisopropyl ether	1.677	1.793	-6.9	85	0.00
23 T	Vinyl Acetate	1.388	1.487	-7.1	85	0.00
24 P	1,1-Dichloroethane	0.874	0.940	-7.6	86	0.00
25 T	2-Butanone	0.391	0.413	-5.6	84	0.00
26 T	2,2-Dichloropropane	0.781	0.715	8.5	73	0.00
27 T	cis-1,2-Dichloroethene	0.552	0.590	-6.9	86	0.00
28 T	Bromochloromethane	0.459	0.451	1.7	87	0.00
29 T	Tetrahydrofuran	0.259	0.273	-5.4	83	0.00
30 C	Chloroform	0.880	0.927	-5.3#	86	0.00
31 T	Cyclohexane	0.831	0.884	-6.4	85	0.00
32 T	1,1,1-Trichloroethane	0.784	0.834	-6.4	84	0.00
33 S	1,2-Dichloroethane-d4	0.569	0.595	-4.6	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.289	0.304	-5.2	88	0.00
36 T	1,1-Dichloropropene	0.443	0.469	-5.9	84	0.00
37 T	Ethyl Acetate	0.528	0.547	-3.6	85	0.00
38 T	Carbon Tetrachloride	0.437	0.490	-12.1	87	0.00
39 T	Methylcyclohexane	0.561	0.560	0.2	82	0.00
40 TM	Benzene	1.335	1.394	-4.4	85	0.00
41 T	Methacrylonitrile	0.293	0.317	-8.2	85	0.00
42 TM	1,2-Dichloroethane	0.481	0.509	-5.8	87	0.00
43 T	Isopropyl Acetate	0.890	0.928	-4.3	84	0.00
44 TM	Trichloroethene	0.469	0.477	-1.7	81	0.00
45 C	1,2-Dichloropropane	0.350	0.376	-7.4#	86	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.255	0.248	2.7	80	0.00
47 T	Bromodichloromethane	0.454	0.499	-9.9	87	0.00
48 T	Methyl methacrylate	0.438	0.467	-6.6	85	0.00
49 T	1,4-Dioxane	0.008	0.009	-12.5	90	0.00
50 S	Toluene-d8	1.162	1.202	-3.4	87	0.00
51 T	4-Methyl-2-Pentanone	0.514	0.547	-6.4	85	0.00
52 CM	Toluene	0.856	0.898	-4.9#	85	0.00
53 T	t-1,3-Dichloropropene	0.564	0.589	-4.4	83	0.00
54 T	cis-1,3-Dichloropropene	0.596	0.626	-5.0	85	0.00
55 T	1,1,2-Trichloroethane	0.334	0.364	-9.0	86	0.00
56 T	Ethyl methacrylate	0.566	0.602	-6.4	85	0.00
57 T	1,3-Dichloropropane	0.581	0.620	-6.7	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.283	0.301	-6.4	84	0.00
59 T	2-Hexanone	0.391	0.414	-5.9	84	0.00
60 T	Dibromochloromethane	0.345	0.410	-18.8	96	0.00
61 T	1,2-Dibromoethane	0.369	0.389	-5.4	86	0.00
62 S	4-Bromofluorobenzene	0.477	0.480	-0.6	86	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.674	0.619	8.2	78	0.00
65 PM	Chlorobenzene	1.000	1.023	-2.3	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.374	0.397	-6.1	86	0.00
67 C	Ethyl Benzene	1.756	1.814	-3.3#	85	0.00
68 T	m/p-Xylenes	0.659	0.688	-4.4	86	0.00
69 T	o-Xylene	0.649	0.671	-3.4	87	0.00
70 T	Styrene	1.123	1.183	-5.3	85	0.00
71 P	Bromoform	0.244	0.326	-33.6#	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73 T	Isopropylbenzene	3.175	3.544	-11.6	85	0.00
74 T	N-amyl acetate	1.639	1.764	-7.6	85	0.00
75 P	1,1,2,2-Tetrachloroethane	0.672	0.795	-18.3	92	0.00
76 T	1,2,3-Trichloropropane	0.951	1.042	-9.6	85	0.00
77 T	Bromobenzene	0.868	0.968	-11.5	86	0.00
78 T	n-propylbenzene	3.638	4.055	-11.5	86	0.00
79 T	2-Chlorotoluene	2.185	2.409	-10.3	86	0.00
80 T	1,3,5-Trimethylbenzene	2.708	2.980	-10.0	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.395	0.401	-1.5	78	0.00
82 T	4-Chlorotoluene	2.597	2.851	-9.8	86	0.00
83 T	tert-Butylbenzene	2.402	2.662	-10.8	85	0.00
84 T	1,2,4-Trimethylbenzene	2.811	3.091	-10.0	86	0.00
85 T	sec-Butylbenzene	3.166	3.459	-9.3	85	0.00
86 T	p-Isopropyltoluene	2.961	3.284	-10.9	86	0.00
87 T	1,3-Dichlorobenzene	1.593	1.685	-5.8	82	0.00
88 T	1,4-Dichlorobenzene	1.594	1.731	-8.6	89	0.00
89 T	n-Butylbenzene	2.647	2.820	-6.5	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.313	0.519	-65.8#	124	0.00
91 T	1,2-Dichlorobenzene	1.511	1.638	-8.4	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.199	0.240	-20.6#	98	0.00
93 T	1,2,4-Trichlorobenzene	1.190	1.225	-2.9	80	0.00
94 T	Hexachlorobutadiene	0.534	0.553	-3.6	82	0.00
95 T	Naphthalene	3.424	3.650	-6.6	82	0.00
96 T	1,2,3-Trichlorobenzene	1.161	1.216	-4.7	82	0.00

(#) = Out of Range

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