

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX012120\
 Data File : VX014678.D
 Acq On : 21 Jan 2020 16:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 22 05:13:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 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	84	0.00
2 T	Dichlorodifluoromethane	0.557	0.569	-2.2	73	0.00
3 P	Chloromethane	0.637	0.595	6.6	76	0.00
4 C	Vinyl Chloride	0.710	0.683	3.8#	75	0.00
5 T	Bromomethane	0.471	0.430	8.7	82	0.00
6 T	Chloroethane	0.420	0.384	8.6	78	0.00
7 T	Trichlorofluoromethane	0.806	0.769	4.6	79	0.00
8 T	Diethyl Ether	0.368	0.337	8.4	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.490	0.460	6.1	79	0.00
10 T	Methyl Iodide	0.587	0.624	-6.3	79	0.00
11 T	Tert butyl alcohol	0.117	0.109	6.8	76	0.00
12 CM	1,1-Dichloroethene	0.494	0.452	8.5#	77	0.00
13 T	Acrolein	0.093	0.089	4.3	79	0.00
14 T	Allyl chloride	0.867	0.836	3.6	80	0.00
15 T	Acrylonitrile	0.281	0.286	-1.8	85	0.00
16 T	Acetone	0.303	0.301	0.7	86	0.00
17 T	Carbon Disulfide	1.378	1.140	17.3	71	0.00
18 T	Methyl Acetate	0.802	0.883	-10.1	87	0.00
19 T	Methyl tert-butyl Ether	1.585	1.564	1.3	81	0.00
20 T	Methylene Chloride	0.562	0.534	5.0	82	0.00
21 T	trans-1,2-Dichloroethene	0.539	0.481	10.8	77	0.00
22 T	Diisopropyl ether	1.675	1.731	-3.3	84	0.00
23 T	Vinyl Acetate	1.297	1.274	1.8	81	0.00
24 P	1,1-Dichloroethane	0.911	0.916	-0.5	82	0.00
25 T	2-Butanone	0.417	0.425	-1.9	84	0.00
26 T	2,2-Dichloropropane	0.772	0.734	4.9	79	0.00
27 T	cis-1,2-Dichloroethene	0.603	0.570	5.5	80	0.00
28 T	Bromochloromethane	0.384	0.362	5.7	82	0.00
29 T	Tetrahydrofuran	0.247	0.259	-4.9	84	0.00
30 C	Chloroform	0.891	0.901	-1.1#	83	0.00
31 T	Cyclohexane	0.853	0.824	3.4	77	0.00
32 T	1,1,1-Trichloroethane	0.762	0.763	-0.1	82	0.00
33 S	1,2-Dichloroethane-d4	0.558	0.553	0.9	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.303	0.301	0.7	83	0.00
36 T	1,1-Dichloropropene	0.470	0.448	4.7	79	0.00
37 T	Ethyl Acetate	0.511	0.514	-0.6	83	0.00
38 T	Carbon Tetrachloride	0.433	0.428	1.2	80	0.00
39 T	Methylcyclohexane	0.591	0.547	7.4	75	0.00
40 TM	Benzene	1.396	1.358	2.7	80	0.00
41 T	Methacrylonitrile	0.272	0.288	-5.9	85	0.00
42 TM	1,2-Dichloroethane	0.488	0.479	1.8	83	0.00
43 T	Isopropyl Acetate	0.825	0.844	-2.3	83	0.00
44 TM	Trichloroethene	0.401	0.376	6.2	78	0.00
45 C	1,2-Dichloropropane	0.356	0.361	-1.4#	83	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	0.248	0.232	6.5	81	0.00
47 T	Bromodichloromethane	0.452	0.463	-2.4	82	0.00
48 T	Methyl methacrylate	0.395	0.415	-5.1	82	0.00
49 T	1,4-Dioxane	0.008	0.008	0.0	74	0.00
50 S	Toluene-d8	1.175	1.161	1.2	83	0.00
51 T	4-Methyl-2-Pentanone	0.503	0.532	-5.8	84	0.00
52 CM	Toluene	0.893	0.856	4.1#	79	0.00
53 T	t-1,3-Dichloropropene	0.526	0.516	1.9	80	0.00
54 T	cis-1,3-Dichloropropene	0.568	0.575	-1.2	80	0.00
55 T	1,1,2-Trichloroethane	0.359	0.357	0.6	83	0.00
56 T	Ethyl methacrylate	0.550	0.566	-2.9	81	0.00
57 T	1,3-Dichloropropane	0.600	0.603	-0.5	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.187	0.193	-3.2	82	0.00
59 T	2-Hexanone	0.398	0.413	-3.8	82	0.00
60 T	Dibromochloromethane	0.361	0.379	-5.0	83	0.00
61 T	1,2-Dibromoethane	0.380	0.374	1.6	83	0.00
62 S	4-Bromofluorobenzene	0.431	0.414	3.9	81	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.501	0.484	3.4	80	0.00
65 PM	Chlorobenzene	1.085	1.015	6.5	80	0.00
66 T	1,1,1,2-Tetrachloroethane	0.387	0.380	1.8	82	0.00
67 C	Ethyl Benzene	1.849	1.784	3.5#	80	0.00
68 T	m/p-Xylenes	0.714	0.685	4.1	80	0.00
69 T	o-Xylene	0.681	0.655	3.8	80	0.00
70 T	Styrene	1.175	1.138	3.1	80	0.00
71 P	Bromoform	0.317	0.313	1.3	79	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73 T	Isopropylbenzene	3.511	3.500	0.3	81	0.00
74 T	N-amyl acetate	1.549	1.568	-1.2	80	0.00
75 P	1,1,2,2-Tetrachloroethane	1.126	1.139	-1.2	84	0.00
76 T	1,2,3-Trichloropropane	1.035	0.966	6.7	83	0.00
77 T	Bromobenzene	0.974	0.900	7.6	79	0.00
78 T	n-propylbenzene	4.021	3.966	1.4	80	0.00
79 T	2-Chlorotoluene	2.397	2.330	2.8	81	0.00
80 T	1,3,5-Trimethylbenzene	2.915	2.910	0.2	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.391	0.389	0.5	77	0.00
82 T	4-Chlorotoluene	2.813	2.690	4.4	80	0.00
83 T	tert-Butylbenzene	2.754	2.670	3.1	80	0.00
84 T	1,2,4-Trimethylbenzene	2.946	2.929	0.6	81	0.00
85 T	sec-Butylbenzene	3.424	3.409	0.4	81	0.00
86 T	p-Isopropyltoluene	3.177	3.105	2.3	79	0.00
87 T	1,3-Dichlorobenzene	1.747	1.599	8.5	79	0.00
88 T	1,4-Dichlorobenzene	1.792	1.589	11.3	77	0.00
89 T	n-Butylbenzene	2.905	2.731	6.0	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.558	0.547	2.0	79	0.00
91 T	1,2-Dichlorobenzene	1.712	1.624	5.1	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.253	0.248	2.0	79	0.00
93 T	1,2,4-Trichlorobenzene	1.310	1.093	16.6	73	0.00
94 T	Hexachlorobutadiene	0.610	0.536	12.1	77	0.00
95 T	Naphthalene	3.730	3.313	11.2	74	0.00
96 T	1,2,3-Trichlorobenzene	1.278	1.097	14.2	75	0.00

(#) = Out of Range

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