

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013783.D
 Acq On : 05 Dec 2019 18:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 06 03:34:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 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	86	0.00
2 T	Dichlorodifluoromethane	0.557	0.534	4.1	81	0.00
3 P	Chloromethane	0.624	0.574	8.0	80	0.00
4 C	Vinyl Chloride	0.703	0.693	1.4#	83	0.00
5 T	Bromomethane	0.472	0.444	5.9	88	0.00
6 T	Chloroethane	0.400	0.689	-72.2#	156#	0.00
7 T	Trichlorofluoromethane	0.780	0.766	1.8	89	0.00
8 T	Diethyl Ether	0.353	0.353	0.0	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.477	0.467	2.1	89	0.00
10 T	Methyl Iodide	0.577	0.616	-6.8	88	0.00
11 T	Tert butyl alcohol	0.143	0.118	17.5	77	0.00
12 CM	1,1-Dichloroethene	0.476	0.474	0.4#	88	0.00
13 T	Acrolein	0.088	0.029	67.0#	26#	0.00
14 T	Allyl chloride	0.864	0.824	4.6	84	0.00
15 T	Acrylonitrile	0.296	0.277	6.4	82	0.00
16 T	Acetone	0.287	0.311	-8.4	95	0.00
17 T	Carbon Disulfide	1.356	1.219	10.1	81	0.00
18 T	Methyl Acetate	0.798	0.808	-1.3	86	0.00
19 T	Methyl tert-butyl Ether	1.576	1.587	-0.7	88	0.00
20 T	Methylene Chloride	0.551	0.527	4.4	88	0.00
21 T	trans-1,2-Dichloroethene	0.518	0.490	5.4	85	0.00
22 T	Diisopropyl ether	1.663	1.677	-0.8	88	0.00
23 T	Vinyl Acetate	1.383	1.370	0.9	85	0.00
24 P	1,1-Dichloroethane	0.909	0.910	-0.1	88	0.00
25 T	2-Butanone	0.426	0.425	0.2	85	0.00
26 T	2,2-Dichloropropane	0.752	0.744	1.1	88	0.00
27 T	cis-1,2-Dichloroethene	0.595	0.578	2.9	87	0.00
28 T	Bromochloromethane	0.320	0.367	-14.7	88	0.00
29 T	Tetrahydrofuran	0.263	0.253	3.8	82	0.00
30 C	Chloroform	0.922	0.893	3.1#	88	0.00
31 T	Cyclohexane	0.857	0.802	6.4	84	0.00
32 T	1,1,1-Trichloroethane	0.770	0.768	0.3	89	0.00
33 S	1,2-Dichloroethane-d4	0.580	0.553	4.7	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.309	0.304	1.6	89	0.00
36 T	1,1-Dichloropropene	0.454	0.433	4.6	84	0.00
37 T	Ethyl Acetate	0.509	0.502	1.4	83	0.00
38 T	Carbon Tetrachloride	0.419	0.428	-2.1	88	0.00
39 T	Methylcyclohexane	0.561	0.546	2.7	86	0.00
40 TM	Benzene	1.382	1.350	2.3	87	0.00
41 T	Methacrylonitrile	0.279	0.283	-1.4	84	0.00
42 TM	1,2-Dichloroethane	0.471	0.472	-0.2	88	0.00
43 T	Isopropyl Acetate	0.838	0.825	1.6	85	0.00
44 TM	Trichloroethene	0.379	0.361	4.7	85	0.00
45 C	1,2-Dichloropropane	0.346	0.357	-3.2#	90	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.235	0.230	2.1	88	0.00
47 T	Bromodichloromethane	0.444	0.465	-4.7	90	0.00
48 T	Methyl methacrylate	0.407	0.415	-2.0	85	0.00
49 T	1,4-Dioxane	0.009	0.008	11.1	73	0.00
50 S	Toluene-d8	1.204	1.146	4.8	86	0.00
51 T	4-Methyl-2-Pentanone	0.527	0.521	1.1	85	0.00
52 CM	Toluene	0.859	0.852	0.8#	87	0.00
53 T	t-1,3-Dichloropropene	0.505	0.519	-2.8	87	0.00
54 T	cis-1,3-Dichloropropene	0.552	0.576	-4.3	88	0.00
55 T	1,1,2-Trichloroethane	0.346	0.354	-2.3	89	0.00
56 T	Ethyl methacrylate	0.556	0.579	-4.1	89	0.00
57 T	1,3-Dichloropropane	0.597	0.591	1.0	88	0.00
58 T	2-Chloroethyl Vinyl ether	0.218	0.205	6.0	81	0.00
59 T	2-Hexanone	0.411	0.410	0.2	85	0.00
60 T	Dibromochloromethane	0.359	0.384	-7.0	90	0.00
61 T	1,2-Dibromoethane	0.370	0.370	0.0	88	0.00
62 S	4-Bromofluorobenzene	0.434	0.423	2.5	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.373	0.370	0.8	90	0.00
65 PM	Chlorobenzene	1.038	1.035	0.3	89	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.393	-5.4	90	0.00
67 C	Ethyl Benzene	1.784	1.834	-2.8#	88	0.00
68 T	m/p-Xylenes	0.683	0.696	-1.9	88	0.00
69 T	o-Xylene	0.666	0.679	-2.0	87	0.00
70 T	Styrene	1.120	1.169	-4.4	88	0.00
71 P	Bromoform	0.308	0.342	-11.0	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.507	3.518	-0.3	88	0.00
74 T	N-amyl acetate	1.607	1.637	-1.9	86	0.00
75 P	1,1,2,2-Tetrachloroethane	1.216	1.239	-1.9	90	0.00
76 T	1,2,3-Trichloropropane	1.125	1.118	0.6	86	0.00
77 T	Bromobenzene	0.948	0.935	1.4	89	0.00
78 T	n-propylbenzene	3.915	3.974	-1.5	88	0.00
79 T	2-Chlorotoluene	2.349	2.376	-1.1	90	0.00
80 T	1,3,5-Trimethylbenzene	2.875	2.962	-3.0	90	0.00
81 T	trans-1,4-Dichloro-2-butene	0.411	0.405	1.5	85	0.00
82 T	4-Chlorotoluene	2.720	2.728	-0.3	89	0.00
83 T	tert-Butylbenzene	2.921	2.991	-2.4	90	0.00
84 T	1,2,4-Trimethylbenzene	2.917	2.975	-2.0	89	0.00
85 T	sec-Butylbenzene	3.337	3.416	-2.4	89	0.00
86 T	p-Isopropyltoluene	3.104	3.193	-2.9	90	0.00
87 T	1,3-Dichlorobenzene	1.652	1.653	-0.1	90	0.00
88 T	1,4-Dichlorobenzene	1.682	1.635	2.8	90	0.00
89 T	n-Butylbenzene	2.648	2.790	-5.4	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.561	0.572	-2.0	91	0.00
91 T	1,2-Dichlorobenzene	1.632	1.653	-1.3	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.265	0.275	-3.8	89	0.00
93 T	1,2,4-Trichlorobenzene	1.137	1.181	-3.9	92	0.00
94 T	Hexachlorobutadiene	0.546	0.525	3.8	91	0.00
95 T	Naphthalene	3.387	3.680	-8.7	92	0.00
96 T	1,2,3-Trichlorobenzene	1.126	1.169	-3.8	93	0.00

(#) = Out of Range

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