

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX062819\
 Data File : VX010525.D
 Acq On : 28 Jun 2019 10:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 29 04:49:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 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	87	0.00
2 T	Dichlorodifluoromethane	0.348	0.312	10.3	81	0.00
3 P	Chloromethane	0.405	0.336	17.0	75	0.00
4 C	Vinyl Chloride	0.443	0.377	14.9#	79	0.00
5 T	Bromomethane	0.216	0.197	8.8	85	0.00
6 T	Chloroethane	0.262	0.246	6.1	85	0.00
7 T	Trichlorofluoromethane	0.703	0.683	2.8	87	0.00
8 T	Diethyl Ether	0.252	0.239	5.2	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.426	0.409	4.0	87	0.00
10 T	Methyl Iodide	0.608	0.589	3.1	81	0.00
11 T	Tert butyl alcohol	0.123	0.099	19.5	74	0.00
12 CM	1,1-Dichloroethene	0.433	0.389	10.2#	80	0.00
13 T	Acrolein	0.081	0.079	2.5	90	0.00
14 T	Allyl chloride	0.615	0.567	7.8	80	0.00
15 T	Acrylonitrile	0.243	0.222	8.6	80	0.00
16 T	Acetone	0.235	0.228	3.0	81	0.00
17 T	Carbon Disulfide	1.163	0.934	19.7	72	0.00
18 T	Methyl Acetate	0.468	0.431	7.9	82	0.00
19 T	Methyl tert-butyl Ether	1.363	1.290	5.4	84	0.00
20 T	Methylene Chloride	0.484	0.450	7.0	84	0.00
21 T	trans-1,2-Dichloroethene	0.466	0.426	8.6	82	0.00
22 T	Diisopropyl ether	1.286	1.220	5.1	85	0.00
23 T	Vinyl Acetate	1.111	1.071	3.6	82	0.00
24 P	1,1-Dichloroethane	0.744	0.699	6.0	83	0.00
25 T	2-Butanone	0.345	0.322	6.7	80	0.00
26 T	2,2-Dichloropropane	0.646	0.617	4.5	85	0.00
27 T	cis-1,2-Dichloroethene	0.539	0.503	6.7	83	0.00
28 T	Bromochloromethane	0.356	0.316	11.2	80	0.00
29 T	Tetrahydrofuran	0.213	0.189	11.3	78	0.00
30 C	Chloroform	0.800	0.762	4.8#	85	0.00
31 T	Cyclohexane	0.677	0.622	8.1	81	0.00
32 T	1,1,1-Trichloroethane	0.706	0.672	4.8	84	0.00
33 S	1,2-Dichloroethane-d4	0.469	0.475	-1.3	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35 S	Dibromofluoromethane	0.306	0.335	-9.5	89	0.00
36 T	1,1-Dichloropropene	0.397	0.388	2.3	83	0.00
37 T	Ethyl Acetate	0.409	0.410	-0.2	81	0.00
38 T	Carbon Tetrachloride	0.430	0.428	0.5	82	0.00
39 T	Methylcyclohexane	0.522	0.525	-0.6	85	0.00
40 TM	Benzene	1.238	1.221	1.4	82	0.00
41 T	Methacrylonitrile	0.224	0.221	1.3	82	-0.01
42 TM	1,2-Dichloroethane	0.377	0.394	-4.5	85	0.00
43 T	Isopropyl Acetate	0.676	0.676	0.0	82	0.00
44 TM	Trichloroethene	0.370	0.377	-1.9	85	0.00
45 C	1,2-Dichloropropane	0.313	0.311	0.6#	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	0.224	0.225	-0.4	83	0.00
47 T	Bromodichloromethane	0.411	0.414	-0.7	82	0.00
48 T	Methyl methacrylate	0.314	0.317	-1.0	81	0.00
49 T	1,4-Dioxane	0.009	0.008	11.1	74	0.00
50 S	Toluene-d8	1.170	1.251	-6.9	86	0.00
51 T	4-Methyl-2-Pentanone	0.433	0.433	0.0	82	0.00
52 CM	Toluene	0.815	0.820	-0.6#	83	0.00
53 T	t-1,3-Dichloropropene	0.461	0.461	0.0	81	0.00
54 T	cis-1,3-Dichloropropene	0.501	0.511	-2.0	82	0.00
55 T	1,1,2-Trichloroethane	0.336	0.343	-2.1	84	0.00
56 T	Ethyl methacrylate	0.509	0.521	-2.4	82	0.00
57 T	1,3-Dichloropropane	0.522	0.525	-0.6	83	0.00
58 T	2-Chloroethyl Vinyl ether	0.242	0.248	-2.5	81	0.00
59 T	2-Hexanone	0.340	0.342	-0.6	81	0.00
60 T	Dibromochloromethane	0.376	0.380	-1.1	82	0.00
61 T	1,2-Dibromoethane	0.363	0.366	-0.8	83	0.00
62 S	4-Bromofluorobenzene	0.423	0.466	-10.2	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.404	0.411	-1.7	87	0.00
65 PM	Chlorobenzene	1.015	1.030	-1.5	85	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.383	-3.5	84	0.00
67 C	Ethyl Benzene	1.714	1.750	-2.1#	85	0.00
68 T	m/p-Xylenes	0.664	0.680	-2.4	84	0.00
69 T	o-Xylene	0.653	0.666	-2.0	85	0.00
70 T	Styrene	1.095	1.148	-4.8	85	0.00
71 P	Bromoform	0.322	0.327	-1.6	79	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.389	3.366	0.7	87	0.00
74 T	N-amyl acetate	1.281	1.282	-0.1	83	0.00
75 P	1,1,2,2-Tetrachloroethane	1.122	1.074	4.3	83	0.00
76 T	1,2,3-Trichloropropane	0.911	0.891	2.2	84	0.00
77 T	Bromobenzene	0.946	0.930	1.7	87	0.00
78 T	n-propylbenzene	3.725	3.776	-1.4	87	0.00
79 T	2-Chlorotoluene	2.218	2.181	1.7	86	0.00
80 T	1,3,5-Trimethylbenzene	2.794	2.827	-1.2	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.391	0.348	11.0	75	0.00
82 T	4-Chlorotoluene	2.524	2.541	-0.7	86	0.00
83 T	tert-Butylbenzene	2.804	2.846	-1.5	88	0.00
84 T	1,2,4-Trimethylbenzene	2.807	2.867	-2.1	86	0.00
85 T	sec-Butylbenzene	3.293	3.398	-3.2	88	0.00
86 T	p-Isopropyltoluene	3.046	3.173	-4.2	89	0.00
87 T	1,3-Dichlorobenzene	1.652	1.665	-0.8	89	0.00
88 T	1,4-Dichlorobenzene	1.682	1.654	1.7	88	0.00
89 T	n-Butylbenzene	2.588	2.754	-6.4	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.527	0.500	5.1	78	0.00
91 T	1,2-Dichlorobenzene	1.642	1.624	1.1	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.242	0.219	9.5	81	0.00
93 T	1,2,4-Trichlorobenzene	1.139	1.203	-5.6	91	0.00
94 T	Hexachlorobutadiene	0.556	0.613	-10.3	95	0.00
95 T	Naphthalene	3.499	3.490	0.3	84	0.00
96 T	1,2,3-Trichlorobenzene	1.132	1.189	-5.0	90	0.00

(#) = Out of Range

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