

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX062119\
 Data File : VX010399.D
 Acq On : 21 Jun 2019 20:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 22 01:09:48 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	88	0.00
2 T	Dichlorodifluoromethane	0.348	0.337	3.2	89	0.00
3 P	Chloromethane	0.405	0.361	10.9	82	0.00
4 C	Vinyl Chloride	0.443	0.421	5.0#	89	0.00
5 T	Bromomethane	0.216	0.183	15.3	80	0.00
6 T	Chloroethane	0.262	0.261	0.4	91	0.00
7 T	Trichlorofluoromethane	0.703	0.704	-0.1	91	0.00
8 T	Diethyl Ether	0.252	0.259	-2.8	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.426	0.420	1.4	91	0.00
10 T	Methyl Iodide	0.608	0.477	21.5#	67	0.00
11 T	Tert butyl alcohol	0.123	0.117	4.9	88	0.00
12 CM	1,1-Dichloroethene	0.433	0.424	2.1#	89	0.00
13 T	Acrolein	0.081	0.062	23.5#	72	0.00
14 T	Allyl chloride	0.615	0.627	-2.0	90	0.00
15 T	Acrylonitrile	0.243	0.253	-4.1	92	0.00
16 T	Acetone	0.235	0.208	11.5	75	0.00
17 T	Carbon Disulfide	1.163	1.095	5.8	86	0.00
18 T	Methyl Acetate	0.468	0.485	-3.6	94	0.00
19 T	Methyl tert-butyl Ether	1.363	1.396	-2.4	92	0.00
20 T	Methylene Chloride	0.484	0.484	0.0	91	0.00
21 T	trans-1,2-Dichloroethene	0.466	0.464	0.4	91	0.00
22 T	Diisopropyl ether	1.286	1.315	-2.3	93	0.00
23 T	Vinyl Acetate	1.111	1.171	-5.4	91	0.00
24 P	1,1-Dichloroethane	0.744	0.760	-2.2	92	0.00
25 T	2-Butanone	0.345	0.343	0.6	86	0.00
26 T	2,2-Dichloropropane	0.646	0.557	13.8	78	0.00
27 T	cis-1,2-Dichloroethene	0.539	0.547	-1.5	91	0.00
28 T	Bromochloromethane	0.356	0.339	4.8	87	0.00
29 T	Tetrahydrofuran	0.213	0.221	-3.8	92	0.00
30 C	Chloroform	0.800	0.805	-0.6#	92	0.00
31 T	Cyclohexane	0.677	0.683	-0.9	91	0.00
32 T	1,1,1-Trichloroethane	0.706	0.728	-3.1	92	0.00
33 S	1,2-Dichloroethane-d4	0.469	0.463	1.3	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.306	0.298	2.6	87	0.00
36 T	1,1-Dichloropropene	0.397	0.385	3.0	90	0.00
37 T	Ethyl Acetate	0.409	0.427	-4.4	93	0.00
38 T	Carbon Tetrachloride	0.430	0.425	1.2	89	0.00
39 T	Methylcyclohexane	0.522	0.504	3.4	89	0.00
40 TM	Benzene	1.238	1.238	0.0	91	0.00
41 T	Methacrylonitrile	0.224	0.229	-2.2	93	0.00
42 TM	1,2-Dichloroethane	0.377	0.386	-2.4	92	0.00
43 T	Isopropyl Acetate	0.676	0.697	-3.1	93	0.00
44 TM	Trichloroethene	0.370	0.365	1.4	90	0.00
45 C	1,2-Dichloropropane	0.313	0.310	1.0#	91	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	0.223	0.4	91	0.00
47 T	Bromodichloromethane	0.411	0.411	0.0	89	0.00
48 T	Methyl methacrylate	0.314	0.325	-3.5	92	0.00
49 T	1,4-Dioxane	0.009	0.009	0.0	87	0.00
50 S	Toluene-d8	1.170	1.135	3.0	86	0.00
51 T	4-Methyl-2-Pentanone	0.433	0.443	-2.3	92	0.00
52 CM	Toluene	0.815	0.809	0.7#	90	0.00
53 T	t-1,3-Dichloropropene	0.461	0.448	2.8	87	0.00
54 T	cis-1,3-Dichloropropene	0.501	0.497	0.8	88	0.00
55 T	1,1,2-Trichloroethane	0.336	0.336	0.0	90	0.00
56 T	Ethyl methacrylate	0.509	0.520	-2.2	91	0.00
57 T	1,3-Dichloropropane	0.522	0.527	-1.0	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.242	0.247	-2.1	89	0.00
59 T	2-Hexanone	0.340	0.337	0.9	88	0.00
60 T	Dibromochloromethane	0.376	0.375	0.3	88	0.00
61 T	1,2-Dibromoethane	0.363	0.369	-1.7	92	0.00
62 S	4-Bromofluorobenzene	0.423	0.404	4.5	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.404	0.402	0.5	93	0.00
65 PM	Chlorobenzene	1.015	1.007	0.8	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.377	-1.9	90	0.00
67 C	Ethyl Benzene	1.714	1.710	0.2#	90	0.00
68 T	m/p-Xylenes	0.664	0.654	1.5	88	0.00
69 T	o-Xylene	0.653	0.648	0.8	90	0.00
70 T	Styrene	1.095	1.101	-0.5	89	0.00
71 P	Bromoform	0.322	0.326	-1.2	85	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.389	3.468	-2.3	90	0.00
74 T	N-amyl acetate	1.281	1.348	-5.2	88	0.00
75 P	1,1,2,2-Tetrachloroethane	1.122	1.151	-2.6	90	0.00
76 T	1,2,3-Trichloropropane	0.911	0.932	-2.3	89	0.00
77 T	Bromobenzene	0.946	0.937	1.0	88	0.00
78 T	n-propylbenzene	3.725	3.822	-2.6	88	0.00
79 T	2-Chlorotoluene	2.218	2.209	0.4	87	0.00
80 T	1,3,5-Trimethylbenzene	2.794	2.837	-1.5	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.391	0.371	5.1	81	0.00
82 T	4-Chlorotoluene	2.524	2.556	-1.3	87	0.00
83 T	tert-Butylbenzene	2.804	2.825	-0.7	88	0.00
84 T	1,2,4-Trimethylbenzene	2.807	2.889	-2.9	88	0.00
85 T	sec-Butylbenzene	3.293	3.353	-1.8	88	0.00
86 T	p-Isopropyltoluene	3.046	3.069	-0.8	87	0.00
87 T	1,3-Dichlorobenzene	1.652	1.640	0.7	88	0.00
88 T	1,4-Dichlorobenzene	1.682	1.607	4.5	86	0.00
89 T	n-Butylbenzene	2.588	2.620	-1.2	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.527	0.543	-3.0	85	0.00
91 T	1,2-Dichlorobenzene	1.642	1.605	2.3	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.242	0.243	-0.4	90	0.00
93 T	1,2,4-Trichlorobenzene	1.139	1.128	1.0	86	0.00
94 T	Hexachlorobutadiene	0.556	0.528	5.0	83	0.00
95 T	Naphthalene	3.499	3.590	-2.6	87	0.00
96 T	1,2,3-Trichlorobenzene	1.132	1.135	-0.3	86	0.00

(#) = Out of Range

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