

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010662.D
 Acq On : 04 Jul 2019 02:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 04 05:44:37 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	78	-0.01
2 T	Dichlorodifluoromethane	0.348	0.409	-17.5	96	0.00
3 P	Chloromethane	0.405	0.425	-4.9	85	0.00
4 C	Vinyl Chloride	0.443	0.464	-4.7#	87	0.00
5 T	Bromomethane	0.216	0.239	-10.6	93	0.00
6 T	Chloroethane	0.262	0.292	-11.5	90	0.00
7 T	Trichlorofluoromethane	0.703	0.775	-10.2	88	0.00
8 T	Diethyl Ether	0.252	0.272	-7.9	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.426	0.442	-3.8	85	0.00
10 T	Methyl Iodide	0.608	0.586	3.6	73	0.00
11 T	Tert butyl alcohol	0.123	0.110	10.6	74	0.00
12 CM	1,1-Dichloroethene	0.433	0.446	-3.0#	83	0.00
13 T	Acrolein	0.081	0.070	13.6	71	0.00
14 T	Allyl chloride	0.615	0.614	0.2	78	0.00
15 T	Acrylonitrile	0.243	0.246	-1.2	80	0.00
16 T	Acetone	0.235	0.198	15.7	63	0.00
17 T	Carbon Disulfide	1.163	1.158	0.4	80	0.00
18 T	Methyl Acetate	0.468	0.492	-5.1	84	0.00
19 T	Methyl tert-butyl Ether	1.363	1.399	-2.6	82	0.00
20 T	Methylene Chloride	0.484	0.496	-2.5	83	0.00
21 T	trans-1,2-Dichloroethene	0.466	0.474	-1.7	82	0.00
22 T	Diisopropyl ether	1.286	1.334	-3.7	83	0.00
23 T	Vinyl Acetate	1.111	1.159	-4.3	80	0.00
24 P	1,1-Dichloroethane	0.744	0.768	-3.2	82	0.00
25 T	2-Butanone	0.345	0.331	4.1	74	0.00
26 T	2,2-Dichloropropane	0.646	0.444	31.3#	55	0.00
27 T	cis-1,2-Dichloroethene	0.539	0.539	0.0	80	-0.01
28 T	Bromochloromethane	0.356	0.341	4.2	78	0.00
29 T	Tetrahydrofuran	0.213	0.214	-0.5	79	0.00
30 C	Chloroform	0.800	0.827	-3.4#	83	0.00
31 T	Cyclohexane	0.677	0.705	-4.1	83	0.00
32 T	1,1,1-Trichloroethane	0.706	0.727	-3.0	81	0.00
33 S	1,2-Dichloroethane-d4	0.469	0.475	-1.3	79	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.306	0.304	0.7	77	-0.01
36 T	1,1-Dichloropropene	0.397	0.405	-2.0	83	0.00
37 T	Ethyl Acetate	0.409	0.417	-2.0	79	-0.01
38 T	Carbon Tetrachloride	0.430	0.430	0.0	78	0.00
39 T	Methylcyclohexane	0.522	0.524	-0.4	81	0.00
40 TM	Benzene	1.238	1.249	-0.9	80	0.00
41 T	Methacrylonitrile	0.224	0.230	-2.7	81	0.00
42 TM	1,2-Dichloroethane	0.377	0.413	-9.5	85	0.00
43 T	Isopropyl Acetate	0.676	0.687	-1.6	80	0.00
44 TM	Trichloroethene	0.370	0.370	0.0	80	0.00
45 C	1,2-Dichloropropane	0.313	0.315	-0.6#	81	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.224	0.230	-2.7	81	0.00
47 T	Bromodichloromethane	0.411	0.417	-1.5	79	0.00
48 T	Methyl methacrylate	0.314	0.334	-6.4	82	0.00
49 T	1,4-Dioxane	0.009	0.009	0.0	76	0.00
50 S	Toluene-d8	1.170	1.122	4.1	74	0.00
51 T	4-Methyl-2-Pentanone	0.433	0.446	-3.0	80	0.00
52 CM	Toluene	0.815	0.829	-1.7#	80	0.00
53 T	t-1,3-Dichloropropene	0.461	0.438	5.0	74	0.00
54 T	cis-1,3-Dichloropropene	0.501	0.487	2.8	75	0.00
55 T	1,1,2-Trichloroethane	0.336	0.344	-2.4	80	0.00
56 T	Ethyl methacrylate	0.509	0.521	-2.4	79	0.00
57 T	1,3-Dichloropropane	0.522	0.532	-1.9	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.242	0.228	5.8	71	0.00
59 T	2-Hexanone	0.340	0.339	0.3	77	0.00
60 T	Dibromochloromethane	0.376	0.373	0.8	76	0.00
61 T	1,2-Dibromoethane	0.363	0.371	-2.2	80	0.00
62 S	4-Bromofluorobenzene	0.423	0.420	0.7	77	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64 T	Tetrachloroethene	0.404	0.390	3.5	79	0.00
65 PM	Chlorobenzene	1.015	1.004	1.1	79	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.367	0.8	77	0.00
67 C	Ethyl Benzene	1.714	1.744	-1.8#	81	0.00
68 T	m/p-Xylenes	0.664	0.678	-2.1	81	0.00
69 T	o-Xylene	0.653	0.653	0.0	80	0.00
70 T	Styrene	1.095	1.117	-2.0	79	0.00
71 P	Bromoform	0.322	0.302	6.2	70	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73 T	Isopropylbenzene	3.389	3.302	2.6	82	0.00
74 T	N-amyl acetate	1.281	1.279	0.2	80	0.00
75 P	1,1,2,2-Tetrachloroethane	1.122	1.044	7.0	77	0.00
76 T	1,2,3-Trichloropropane	0.911	0.858	5.8	78	0.00
77 T	Bromobenzene	0.946	0.891	5.8	80	0.00
78 T	n-propylbenzene	3.725	3.734	-0.2	82	0.00
79 T	2-Chlorotoluene	2.218	2.159	2.7	81	0.00
80 T	1,3,5-Trimethylbenzene	2.794	2.758	1.3	81	0.00
81 T	trans-1,4-Dichloro-2-butene	0.391	0.293	25.1#	61	0.00
82 T	4-Chlorotoluene	2.524	2.525	-0.0	82	0.00
83 T	tert-Butylbenzene	2.804	2.715	3.2	80	0.00
84 T	1,2,4-Trimethylbenzene	2.807	2.786	0.7	81	0.00
85 T	sec-Butylbenzene	3.293	3.274	0.6	82	0.00
86 T	p-Isopropyltoluene	3.046	2.991	1.8	80	0.00
87 T	1,3-Dichlorobenzene	1.652	1.572	4.8	81	0.00
88 T	1,4-Dichlorobenzene	1.682	1.573	6.5	80	0.00
89 T	n-Butylbenzene	2.588	2.580	0.3	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.527	0.489	7.2	73	0.00
91 T	1,2-Dichlorobenzene	1.642	1.539	6.3	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.242	0.218	9.9	77	0.00
93 T	1,2,4-Trichlorobenzene	1.139	1.071	6.0	78	0.00
94 T	Hexachlorobutadiene	0.556	0.525	5.6	78	0.00
95 T	Naphthalene	3.499	3.296	5.8	76	0.00
96 T	1,2,3-Trichlorobenzene	1.132	1.087	4.0	79	0.00

(#) = Out of Range

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