

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010870.D
 Acq On : 15 Jul 2019 08:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 16 02:09:57 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	92	-0.01
2 T	Dichlorodifluoromethane	0.348	0.344	1.1	94	0.00
3 P	Chloromethane	0.405	0.359	11.4	85	0.00
4 C	Vinyl Chloride	0.443	0.378	14.7#	83	0.00
5 T	Bromomethane	0.216	0.204	5.6	93	0.00
6 T	Chloroethane	0.262	0.238	9.2	87	0.00
7 T	Trichlorofluoromethane	0.703	0.674	4.1	90	0.00
8 T	Diethyl Ether	0.252	0.231	8.3	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.426	0.396	7.0	89	0.00
10 T	Methyl Iodide	0.608	0.476	21.7#	69	0.00
11 T	Tert butyl alcohol	0.123	0.094	23.6#	74	0.00
12 CM	1,1-Dichloroethene	0.433	0.382	11.8#	83	0.00
13 T	Acrolein	0.081	0.091	-12.3	109	0.00
14 T	Allyl chloride	0.615	0.583	5.2	87	0.00
15 T	Acrylonitrile	0.243	0.214	11.9	81	0.00
16 T	Acetone	0.235	0.263	-11.9	98	0.00
17 T	Carbon Disulfide	1.163	0.938	19.3	76	0.00
18 T	Methyl Acetate	0.468	0.424	9.4	85	0.00
19 T	Methyl tert-butyl Ether	1.363	1.271	6.7	87	0.00
20 T	Methylene Chloride	0.484	0.438	9.5	86	0.00
21 T	trans-1,2-Dichloroethene	0.466	0.406	12.9	82	0.00
22 T	Diisopropyl ether	1.286	1.197	6.9	88	0.00
23 T	Vinyl Acetate	1.111	1.073	3.4	87	0.00
24 P	1,1-Dichloroethane	0.744	0.691	7.1	87	0.00
25 T	2-Butanone	0.345	0.335	2.9	88	0.00
26 T	2,2-Dichloropropane	0.646	0.613	5.1	90	0.00
27 T	cis-1,2-Dichloroethene	0.539	0.481	10.8	84	0.00
28 T	Bromochloromethane	0.356	0.284	20.2#	76	0.00
29 T	Tetrahydrofuran	0.213	0.183	14.1	79	0.00
30 C	Chloroform	0.800	0.746	6.8#	88	0.00
31 T	Cyclohexane	0.677	0.613	9.5	85	0.00
32 T	1,1,1-Trichloroethane	0.706	0.666	5.7	87	0.00
33 S	1,2-Dichloroethane-d4	0.469	0.413	11.9	81	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.306	0.263	14.1	77	0.00
36 T	1,1-Dichloropropene	0.397	0.367	7.6	86	0.00
37 T	Ethyl Acetate	0.409	0.376	8.1	82	0.00
38 T	Carbon Tetrachloride	0.430	0.409	4.9	86	0.00
39 T	Methylcyclohexane	0.522	0.479	8.2	85	0.00
40 TM	Benzene	1.238	1.122	9.4	83	0.00
41 T	Methacrylonitrile	0.224	0.208	7.1	85	0.00
42 TM	1,2-Dichloroethane	0.377	0.385	-2.1	92	0.00
43 T	Isopropyl Acetate	0.676	0.635	6.1	85	0.00
44 TM	Trichloroethene	0.370	0.334	9.7	83	0.00
45 C	1,2-Dichloropropane	0.313	0.287	8.3#	85	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.224	0.210	6.3	86	0.00
47 T	Bromodichloromethane	0.411	0.394	4.1	86	0.00
48 T	Methyl methacrylate	0.314	0.302	3.8	85	0.00
49 T	1,4-Dioxane	0.009	0.008	11.1	79	0.00
50 S	Toluene-d8	1.170	0.944	19.3	72	0.00
51 T	4-Methyl-2-Pentanone	0.433	0.407	6.0	85	0.00
52 CM	Toluene	0.815	0.739	9.3#	83	0.00
53 T	t-1,3-Dichloropropene	0.461	0.443	3.9	86	0.00
54 T	cis-1,3-Dichloropropene	0.501	0.477	4.8	85	0.00
55 T	1,1,2-Trichloroethane	0.336	0.307	8.6	83	0.00
56 T	Ethyl methacrylate	0.509	0.480	5.7	84	0.00
57 T	1,3-Dichloropropane	0.522	0.486	6.9	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.242	0.196	19.0	71	0.00
59 T	2-Hexanone	0.340	0.332	2.4	87	0.00
60 T	Dibromochloromethane	0.376	0.356	5.3	84	0.00
61 T	1,2-Dibromoethane	0.363	0.336	7.4	84	0.00
62 S	4-Bromofluorobenzene	0.423	0.378	10.6	80	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.404	0.348	13.9	81	0.00
65 PM	Chlorobenzene	1.015	0.927	8.7	83	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.350	5.4	84	0.00
67 C	Ethyl Benzene	1.714	1.611	6.0#	85	0.00
68 T	m/p-Xylenes	0.664	0.622	6.3	84	0.00
69 T	o-Xylene	0.653	0.603	7.7	84	0.00
70 T	Styrene	1.095	1.056	3.6	85	0.00
71 P	Bromoform	0.322	0.304	5.6	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	3.389	3.063	9.6	87	0.00
74 T	N-amyl acetate	1.281	1.216	5.1	87	0.00
75 P	1,1,2,2-Tetrachloroethane	1.122	0.981	12.6	83	0.00
76 T	1,2,3-Trichloropropane	0.911	0.845	7.2	87	0.00
77 T	Bromobenzene	0.946	0.832	12.1	85	0.00
78 T	n-propylbenzene	3.725	3.490	6.3	88	0.00
79 T	2-Chlorotoluene	2.218	2.046	7.8	88	0.00
80 T	1,3,5-Trimethylbenzene	2.794	2.588	7.4	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.391	0.326	16.6	77	0.00
82 T	4-Chlorotoluene	2.524	2.411	4.5	89	0.00
83 T	tert-Butylbenzene	2.804	2.594	7.5	88	0.00
84 T	1,2,4-Trimethylbenzene	2.807	2.645	5.8	87	0.00
85 T	sec-Butylbenzene	3.293	3.088	6.2	88	0.00
86 T	p-Isopropyltoluene	3.046	2.881	5.4	88	0.00
87 T	1,3-Dichlorobenzene	1.652	1.524	7.7	89	0.00
88 T	1,4-Dichlorobenzene	1.682	1.499	10.9	87	0.00
89 T	n-Butylbenzene	2.588	2.563	1.0	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.527	0.487	7.6	83	0.00
91 T	1,2-Dichlorobenzene	1.642	1.467	10.7	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.242	0.217	10.3	88	0.00
93 T	1,2,4-Trichlorobenzene	1.139	1.061	6.8	88	0.00
94 T	Hexachlorobutadiene	0.556	0.526	5.4	90	0.00
95 T	Naphthalene	3.499	3.083	11.9	81	0.00
96 T	1,2,3-Trichlorobenzene	1.132	1.040	8.1	86	0.00

(#) = Out of Range

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