

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080423\  
 Data File : VX036822.D  
 Acq On : 04 Aug 2023 19:54  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleID :  
 VSTDCCC050

Quant Time: Aug 04 23:10:48 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	140	0.00
2 T	Dichlorodifluoromethane	0.661	0.344	48.0#	77	0.00
3 P	Chloromethane	0.601	0.329	45.3#	81	0.00
4 C	Vinyl Chloride	0.612	0.345	43.6#	80	0.00
5 T	Bromomethane	0.365	0.153	58.1#	61	-0.02
6 T	Chloroethane	0.297	0.187	37.0#	84	-0.02
7 T	Trichlorofluoromethane	0.945	0.542	42.6#	81	0.00
8 T	Diethyl Ether	0.365	0.214	41.4#	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.567	0.279	50.8#	69	0.00
10 T	Methyl Iodide	0.589	0.368	37.5#	82	0.00
11 T	Tert butyl alcohol	0.175	0.112	36.0#	90	-0.02
12 CM	1,1-Dichloroethene	0.560	0.300	46.4#	77	0.00
13 T	Acrolein	0.100	0.048	52.0#	70	0.00
14 T	Allyl chloride	1.102	0.523	52.5#	68	0.00
15 T	Acrylonitrile	0.352	0.198	43.7#	78	0.00
16 T	Acetone	0.307	0.173	43.6#	81	-0.01
17 T	Carbon Disulfide	1.545	0.784	49.3#	73	0.00
18 T	Methyl Acetate	1.291	0.704	45.5#	76	0.00
19 T	Methyl tert-butyl Ether	2.104	1.203	42.8#	80	0.00
20 T	Methylene Chloride	0.683	0.365	46.6#	79	0.00
21 T	trans-1,2-Dichloroethene	0.626	0.338	46.0#	78	0.00
22 T	Diisopropyl ether	2.093	1.066	49.1#	72	0.00
23 T	Vinyl Acetate	1.606	0.855	46.8#	73	0.00
24 P	1,1-Dichloroethane	1.174	0.636	45.8#	76	0.00
25 T	2-Butanone	0.498	0.276	44.6#	77	0.00
26 T	2,2-Dichloropropane	1.106	0.409	63.0#	53	0.00
27 T	cis-1,2-Dichloroethene	0.743	0.408	45.1#	79	0.00
28 T	Bromochloromethane	0.568	0.281	50.5#	69	0.00
29 T	Tetrahydrofuran	0.321	0.177	44.9#	76	0.00
30 C	Chloroform	1.201	0.681	43.3#	80	0.00
31 T	Cyclohexane	1.024	0.455	55.6#	63	0.00
32 T	1,1,1-Trichloroethane	1.100	0.589	46.5#	76	0.00
33 S	1,2-Dichloroethane-d4	0.740	0.714	3.5	138	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	145	0.00
35 S	Dibromofluoromethane	0.344	0.335	2.6	145	0.00
36 T	1,1-Dichloropropene	0.512	0.250	51.2#	72	0.00
37 T	Ethyl Acetate	0.580	0.302	47.9#	75	0.00
38 T	Carbon Tetrachloride	0.545	0.277	49.2#	74	0.00
39 T	Methylcyclohexane	0.637	0.279	56.2#	64	0.00
40 TM	Benzene	1.490	0.772	48.2#	75	0.00
41 T	Methacrylonitrile	0.310	0.160	48.4#	74	0.00
42 TM	1,2-Dichloroethane	0.545	0.307	43.7#	81	0.00
43 T	Isopropyl Acetate	0.998	0.496	50.3#	73	0.00
44 TM	Trichloroethene	0.390	0.200	48.7#	75	0.00
45 C	1,2-Dichloropropane	0.398	0.202	49.2#	74	0.00
46 T	Dibromomethane	0.278	0.154	44.6#	81	0.00
47 T	Bromodichloromethane	0.572	0.301	47.4#	77	0.00
48 T	Methyl methacrylate	0.464	0.233	49.8#	72	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.009	0.006	33.3#	90	-0.04
50 S	Toluene-d8	1.219	1.137	6.7	136	0.00
51 T	4-Methyl-2-Pentanone	0.552	0.291	47.3#	74	0.00
52 CM	Toluene	0.934	0.479	48.7#	74	0.00
53 T	t-1,3-Dichloropropene	0.646	0.316	51.1#	69	0.00
54 T	cis-1,3-Dichloropropene	0.682	0.332	51.3#	70	0.00
55 T	1,1,2-Trichloroethane	0.393	0.208	47.1#	78	0.00
56 T	Ethyl methacrylate	0.639	0.339	46.9#	75	0.00
57 T	1,3-Dichloropropane	0.654	0.352	46.2#	77	0.00
58 T	2-Chloroethyl Vinyl ether	0.315	0.150	52.4#	69	0.00
59 T	2-Hexanone	0.410	0.222	45.9#	76	0.00
60 T	Dibromochloromethane	0.431	0.230	46.6#	76	0.00
61 T	1,2-Dibromoethane	0.407	0.230	43.5#	81	0.00
62 S	4-Bromofluorobenzene	0.460	0.450	2.2	137	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	143	0.00
64 T	Tetrachloroethene	0.373	0.186	50.1#	72	0.00
65 PM	Chlorobenzene	1.102	0.565	48.7#	73	0.00
66 T	1,1,1,2-Tetrachloroethane	0.426	0.226	46.9#	76	0.00
67 C	Ethyl Benzene	2.013	0.989	50.9#	70	0.00
68 T	m/p-Xylenes	0.751	0.378	49.7#	71	0.00
69 T	o-Xylene	0.750	0.383	48.9#	72	0.00
70 T	Styrene	1.237	0.642	48.1#	72	0.00
71 P	Bromoform	0.345	0.187	45.8#	75	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	144	0.00
73 T	Isopropylbenzene	4.138	1.948	52.9#	69	0.00
74 T	N-amyl acetate	1.930	0.939	51.3#	71	0.00
75 P	1,1,2,2-Tetrachloroethane	1.398	0.733	47.6#	78	0.00
76 T	1,2,3-Trichloropropane	1.176	0.622	47.1#	77	0.00
77 T	Bromobenzene	0.942	0.480	49.0#	73	0.00
78 T	n-propylbenzene	4.786	2.239	53.2#	67	0.00
79 T	2-Chlorotoluene	2.900	1.379	52.4#	70	0.00
80 T	1,3,5-Trimethylbenzene	3.462	1.676	51.6#	70	0.00
81 T	trans-1,4-Dichloro-2-butene	0.519	0.227	56.3#	62	0.00
82 T	4-Chlorotoluene	3.304	1.591	51.8#	70	0.00
83 T	tert-Butylbenzene	3.401	1.624	52.2#	70	0.00
84 T	1,2,4-Trimethylbenzene	3.462	1.669	51.8#	70	0.00
85 T	sec-Butylbenzene	4.241	2.017	52.4#	68	0.00
86 T	p-Isopropyltoluene	3.490	1.677	51.9#	68	0.00
87 T	1,3-Dichlorobenzene	1.745	0.893	48.8#	74	0.00
88 T	1,4-Dichlorobenzene	1.732	0.897	48.2#	74	0.00
89 T	n-Butylbenzene	3.124	1.443	53.8#	65	0.00
90 T	Hexachloroethane	0.707	0.317	55.2#	65	0.00
91 T	1,2-Dichlorobenzene	1.684	0.901	46.5#	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.325	0.184	43.4#	85	0.00
93 T	1,2,4-Trichlorobenzene	1.038	0.541	47.9#	74	0.00
94 T	Hexachlorobutadiene	0.429	0.197	54.1#	68	0.00
95 T	Naphthalene	3.616	2.095	42.1#	83	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	1.023	0.555	45.7#	78	0.00

(#) = Out of Range

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