

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031589.D
 Acq On : 22 Sep 2022 23:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 23 06:31:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 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	86	0.00
2 T	Dichlorodifluoromethane	0.719	0.765	-6.4	80	0.00
3 P	Chloromethane	0.954	0.810	15.1	75	0.00
4 C	Vinyl Chloride	1.087	1.015	6.6#	81	0.00
5 T	Bromomethane	1.548	1.497	3.3	87	0.00
6 T	Chloroethane	1.174	1.356	-15.5	116	0.00
7 T	Trichlorofluoromethane	2.467	2.465	0.1	91	0.00
8 T	Diethyl Ether	0.850	0.749	11.9	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.805	0.737	8.4	83	0.00
10 T	Methyl Iodide	0.779	0.892	-14.5	88	0.00
11 T	Tert butyl alcohol	0.249	0.192	22.9	81	0.02
12 CM	1,1-Dichloroethene	0.778	0.706	9.3#	82	0.00
13 T	Acrolein	0.114	0.071	37.7#	60	0.00
14 T	Allyl chloride	1.269	1.051	17.2	76	0.00
15 T	Acrylonitrile	0.483	0.429	11.2	79	0.00
16 T	Acetone	0.438	0.353	19.4	79	0.00
17 T	Carbon Disulfide	2.097	1.659	20.9	73	0.00
18 T	Methyl Acetate	1.370	1.197	12.6	82	0.00
19 T	Methyl tert-butyl Ether	2.815	2.634	6.4	84	0.00
20 T	Methylene Chloride	0.999	0.807	19.2	82	0.00
21 T	trans-1,2-Dichloroethene	0.879	0.810	7.8	82	0.00
22 T	Diisopropyl ether	2.748	2.552	7.1	83	0.00
23 T	Vinyl Acetate	2.350	2.173	7.5	80	0.00
24 P	1,1-Dichloroethane	1.553	1.414	9.0	82	0.00
25 T	2-Butanone	0.708	0.616	13.0	79	0.00
26 T	2,2-Dichloropropane	1.372	0.988	28.0#	64	0.00
27 T	cis-1,2-Dichloroethene	1.059	0.960	9.3	84	0.00
28 T	Bromochloromethane	0.620	0.570	8.1	81	0.00
29 T	Tetrahydrofuran	0.462	0.406	12.1	79	0.00
30 C	Chloroform	1.703	1.636	3.9#	84	0.00
31 T	Cyclohexane	1.360	1.224	10.0	80	0.00
32 T	1,1,1-Trichloroethane	1.547	1.441	6.9	83	0.00
33 S	1,2-Dichloroethane-d4	1.090	0.930	14.7	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.592	0.545	7.9	91	0.00
36 T	1,1-Dichloropropene	0.795	0.757	4.8	82	0.00
37 T	Ethyl Acetate	0.948	0.825	13.0	80	0.00
38 T	Carbon Tetrachloride	0.881	0.825	6.4	82	0.00
39 T	Methylcyclohexane	0.978	0.878	10.2	80	0.00
40 TM	Benzene	2.371	2.243	5.4	83	0.00
41 T	Methacrylonitrile	0.472	0.413	12.5	79	0.00
42 TM	1,2-Dichloroethane	0.874	0.850	2.7	85	0.00
43 T	Isopropyl Acetate	1.457	1.340	8.0	80	0.00
44 TM	Trichloroethene	0.672	0.633	5.8	85	0.00
45 C	1,2-Dichloropropane	0.596	0.546	8.4#	81	0.00
46 T	Dibromomethane	0.459	0.430	6.3	82	0.00
47 T	Bromodichloromethane	0.863	0.812	5.9	83	0.00
48 T	Methyl methacrylate	0.666	0.608	8.7	80	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.015	0.014	6.7	79	0.02
50 S	Toluene-d8	1.992	2.016	-1.2	92	0.00
51 T	4-Methyl-2-Pentanone	0.937	0.898	4.2	82	0.00
52 CM	Toluene	1.546	1.571	-1.6#	88	0.00
53 T	t-1,3-Dichloropropene	0.893	0.834	6.6	76	0.00
54 T	cis-1,3-Dichloropropene	0.976	0.878	10.0	77	0.00
55 T	1,1,2-Trichloroethane	0.637	0.628	1.4	87	0.00
56 T	Ethyl methacrylate	0.906	0.952	-5.1	87	0.00
57 T	1,3-Dichloropropane	1.046	1.015	3.0	85	0.00
58 T	2-Chloroethyl Vinyl ether	0.350	0.250	28.6#	56	0.00
59 T	2-Hexanone	0.704	0.671	4.7	79	0.00
60 T	Dibromochloromethane	0.677	0.711	-5.0	86	0.00
61 T	1,2-Dibromoethane	0.686	0.688	-0.3	85	0.00
62 S	4-Bromofluorobenzene	0.675	0.830	-23.0	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64 T	Tetrachloroethene	0.601	0.562	6.5	86	0.00
65 PM	Chlorobenzene	1.542	1.504	2.5	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.556	0.558	-0.4	88	0.00
67 C	Ethyl Benzene	2.722	2.696	1.0#	88	0.00
68 T	m/p-Xylenes	1.094	1.217	-11.2	98	0.00
69 T	o-Xylene	1.044	1.137	-8.9	94	0.00
70 T	Styrene	1.719	1.989	-15.7	99	0.00
71 P	Bromoform	0.445	0.461	-3.6	88	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	3.734	3.085	17.4	99	0.00
74 T	N-amyl acetate	1.513	1.147	24.2	86	0.00
75 P	1,1,2,2-Tetrachloroethane	1.259	0.952	24.4	94	0.00
76 T	1,2,3-Trichloropropane	1.116	0.835	25.2#	88	0.00
77 T	Bromobenzene	0.920	0.753	18.2	101	0.00
78 T	n-propylbenzene	4.296	3.687	14.2	100	0.00
79 T	2-Chlorotoluene	2.557	2.181	14.7	102	0.00
80 T	1,3,5-Trimethylbenzene	3.169	3.001	5.3	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.347	0.251	27.7#	78	0.00
82 T	4-Chlorotoluene	3.001	2.807	6.5	102	0.00
83 T	tert-Butylbenzene	3.071	2.812	8.4	108	0.00
84 T	1,2,4-Trimethylbenzene	3.121	2.965	5.0	108	0.00
85 T	sec-Butylbenzene	3.887	3.670	5.6	108	0.00
86 T	p-Isopropyltoluene	3.282	3.186	2.9	107	0.00
87 T	1,3-Dichlorobenzene	1.764	1.607	8.9	107	0.00
88 T	1,4-Dichlorobenzene	1.840	1.736	5.7	108	0.00
89 T	n-Butylbenzene	2.796	2.591	7.3	101	0.00
90 T	Hexachloroethane	0.564	0.490	13.1	99	0.00
91 T	1,2-Dichlorobenzene	1.776	1.672	5.9	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.257	0.196	23.7	85	0.00
93 T	1,2,4-Trichlorobenzene	0.979	0.795	18.8	93	0.00
94 T	Hexachlorobutadiene	0.391	0.288	26.3#	93	0.00
95 T	Naphthalene	3.584	2.848	20.5	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.009	0.805	20.2	94	0.00

(#) = Out of Range

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