

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045375.D
 Acq On : 21 Mar 2025 10:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 21 23:09:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 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	90	0.00
2 T	Dichlorodifluoromethane	0.629	0.662	-5.2	95	0.00
3 P	Chloromethane	0.770	0.684	11.2	82	0.00
4 C	Vinyl Chloride	0.764	0.690	9.7#	82	0.00
5 T	Bromomethane	0.300	0.302	-0.7	93	0.00
6 T	Chloroethane	0.352	0.328	6.8	79	0.00
7 T	Trichlorofluoromethane	1.011	1.044	-3.3	89	0.00
8 T	Diethyl Ether	0.396	0.362	8.6	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.581	0.692	-19.1	105	0.00
10 T	Methyl Iodide	0.726	0.789	-8.7	92	0.00
11 T	Tert butyl alcohol	0.151	0.137	9.3	92	0.00
12 CM	1,1-Dichloroethene	0.614	0.632	-2.9#	91	0.00
13 T	Acrolein	0.174	0.161	7.5	83	0.00
14 T	Allyl chloride	1.094	1.203	-10.0	98	0.00
15 T	Acrylonitrile	0.404	0.432	-6.9	95	0.00
16 T	Acetone	0.369	0.426	-15.4	109	0.00
17 T	Carbon Disulfide	1.636	1.372	16.1	74	0.00
18 T	Methyl Acetate	0.888	1.244	-40.1#	129	0.00
19 T	Methyl tert-butyl Ether	2.061	2.226	-8.0	96	0.00
20 T	Methylene Chloride	0.731	0.735	-0.5	95	0.00
21 T	trans-1,2-Dichloroethene	0.607	0.625	-3.0	89	0.00
22 T	Diisopropyl ether	2.224	2.418	-8.7	95	0.00
23 T	Vinyl Acetate	1.856	2.022	-8.9	92	0.00
24 P	1,1-Dichloroethane	1.247	1.332	-6.8	96	0.00
25 T	2-Butanone	0.555	0.610	-9.9	95	0.00
26 T	2,2-Dichloropropane	0.585	0.957	-63.6#	144	0.00
27 T	cis-1,2-Dichloroethene	0.749	0.799	-6.7	94	0.00
28 T	Bromochloromethane	0.594	0.623	-4.9	93	-0.01
29 T	Tetrahydrofuran	0.373	0.379	-1.6	91	0.00
30 C	Chloroform	1.239	1.364	-10.1#	98	0.00
31 T	Cyclohexane	1.082	1.107	-2.3	90	0.00
32 T	1,1,1-Trichloroethane	1.000	1.111	-11.1	98	0.00
33 S	1,2-Dichloroethane-d4	0.795	0.856	-7.7	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.334	0.369	-10.5	97	-0.01
36 T	1,1-Dichloropropene	0.459	0.494	-7.6	91	0.00
37 T	Ethyl Acetate	0.591	0.636	-7.6	91	0.00
38 T	Carbon Tetrachloride	0.465	0.543	-16.8	100	0.00
39 T	Methylcyclohexane	0.549	0.626	-14.0	92	0.00
40 TM	Benzene	1.448	1.566	-8.1	90	0.00
41 T	Methacrylonitrile	0.319	0.379	-18.8	96	0.00
42 TM	1,2-Dichloroethane	0.521	0.622	-19.4	102	0.00
43 T	Isopropyl Acetate	0.874	0.989	-13.2	92	0.00
44 TM	Trichloroethene	0.340	0.364	-7.1	92	0.00
45 C	1,2-Dichloropropane	0.372	0.404	-8.6#	94	0.00
46 T	Dibromomethane	0.263	0.306	-16.3	98	0.00
47 T	Bromodichloromethane	0.516	0.613	-18.8	101	0.00
48 T	Methyl methacrylate	0.438	0.518	-18.3	96	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	0.009	0.009	0.0	80	0.00
50 S	Toluene-d8	1.212	1.255	-3.5	89	0.00
51 T	4-Methyl-2-Pentanone	0.587	0.667	-13.6	94	0.00
52 CM	Toluene	0.849	0.943	-11.1#	90	0.00
53 T	t-1,3-Dichloropropene	0.431	0.541	-25.5#	99	0.00
54 T	cis-1,3-Dichloropropene	0.503	0.615	-22.3	99	0.00
55 T	1,1,2-Trichloroethane	0.350	0.382	-9.1	92	0.00
56 T	Ethyl methacrylate	0.532	0.604	-13.5	91	0.00
57 T	1,3-Dichloropropane	0.605	0.666	-10.1	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.259	0.301	-16.2	91	0.00
59 T	2-Hexanone	0.425	0.492	-15.8	95	0.00
60 T	Dibromochloromethane	0.366	0.432	-18.0	97	0.00
61 T	1,2-Dibromoethane	0.349	0.387	-10.9	94	0.00
62 S	4-Bromofluorobenzene	0.402	0.438	-9.0	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.320	0.362	-13.1	95	0.00
65 PM	Chlorobenzene	1.058	1.187	-12.2	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.352	0.407	-15.6	97	0.00
67 C	Ethyl Benzene	1.843	2.112	-14.6#	92	0.00
68 T	m/p-Xylenes	0.675	0.771	-14.2	90	0.00
69 T	o-Xylene	0.681	0.750	-10.1	90	0.00
70 T	Styrene	1.101	1.269	-15.3	91	0.00
71 P	Bromoform	0.266	0.316	-18.8	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.903	4.394	-12.6	94	0.00
74 T	N-amyl acetate	1.831	2.062	-12.6	92	0.00
75 P	1,1,2,2-Tetrachloroethane	1.432	1.519	-6.1	95	0.00
76 T	1,2,3-Trichloropropane	1.164	1.276	-9.6	99	0.00
77 T	Bromobenzene	0.921	0.991	-7.6	94	0.00
78 T	n-propylbenzene	4.409	5.155	-16.9	95	0.00
79 T	2-Chlorotoluene	2.808	3.030	-7.9	94	0.00
80 T	1,3,5-Trimethylbenzene	3.156	3.576	-13.3	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.340	0.416	-22.4	109	0.00
82 T	4-Chlorotoluene	3.060	3.451	-12.8	95	0.00
83 T	tert-Butylbenzene	3.242	3.573	-10.2	94	0.00
84 T	1,2,4-Trimethylbenzene	3.175	3.589	-13.0	94	0.00
85 T	sec-Butylbenzene	3.884	4.605	-18.6	97	0.00
86 T	p-Isopropyltoluene	3.139	3.733	-18.9	97	0.00
87 T	1,3-Dichlorobenzene	1.643	1.791	-9.0	95	0.00
88 T	1,4-Dichlorobenzene	1.662	1.795	-8.0	94	0.00
89 T	n-Butylbenzene	2.703	3.425	-26.7#	101	0.00
90 T	Hexachloroethane	0.568	0.665	-17.1	98	0.00
91 T	1,2-Dichlorobenzene	1.648	1.801	-9.3	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.279	0.327	-17.2	100	0.00
93 T	1,2,4-Trichlorobenzene	0.938	1.099	-17.2	97	0.00
94 T	Hexachlorobutadiene	0.385	0.477	-23.9	108	0.00
95 T	Naphthalene	3.605	4.079	-13.1	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.990	1.168	-18.0	98	0.00

(#) = Out of Range

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