

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046612.D
 Acq On : 10 Jun 2025 18:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 11 08:09:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 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	54	0.00
2 T	Dichlorodifluoromethane	0.694	0.568	18.2	48#	0.00
3 P	Chloromethane	0.632	0.610	3.5	58	0.00
4 C	Vinyl Chloride	0.630	0.589	6.5#	53	0.00
5 T	Bromomethane	0.382	0.365	4.5	49#	0.00
6 T	Chloroethane	0.409	0.333	18.6	48#	0.00
7 T	Trichlorofluoromethane	1.042	0.868	16.7	46#	0.00
8 T	Diethyl Ether	0.368	0.249	32.3#	38#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.657	0.512	22.1	43#	0.00
10 T	Methyl Iodide	0.712	0.714	-0.3	54	0.00
11 T	Tert butyl alcohol	0.099	0.055	44.4#	31#	-0.01
12 CM	1,1-Dichloroethene	0.594	0.510	14.1#	49#	0.00
13 T	Acrolein	0.103	0.053	48.5#	25#	0.00
14 T	Allyl chloride	1.166	0.962	17.5	46#	0.00
15 T	Acrylonitrile	0.373	0.279	25.2#	40#	0.00
16 T	Acetone	0.381	0.204	46.5#	32#	0.00
17 T	Carbon Disulfide	1.481	1.422	4.0	63	0.00
18 T	Methyl Acetate	1.060	0.595	43.9#	28#	0.00
19 T	Methyl tert-butyl Ether	2.077	1.573	24.3	40#	0.00
20 T	Methylene Chloride	0.714	0.605	15.3	49#	0.00
21 T	trans-1,2-Dichloroethene	0.628	0.560	10.8	52	0.00
22 T	Diisopropyl ether	2.298	1.814	21.1	42#	-0.01
23 T	Vinyl Acetate	1.775	1.488	16.2	44#	0.00
24 P	1,1-Dichloroethane	1.281	1.046	18.3	45#	0.00
25 T	2-Butanone	0.495	0.341	31.1#	37#	0.00
26 T	2,2-Dichloropropane	0.951	0.691	27.3#	39#	0.00
27 T	cis-1,2-Dichloroethene	0.773	0.667	13.7	49#	0.00
28 T	Bromochloromethane	0.611	0.472	22.7	43#	0.00
29 T	Tetrahydrofuran	0.313	0.216	31.0#	37#	0.00
30 C	Chloroform	1.342	1.106	17.6#	45#	0.00
31 T	Cyclohexane	1.034	0.976	5.6	53	0.00
32 T	1,1,1-Trichloroethane	1.148	0.916	20.2	43#	0.00
33 S	1,2-Dichloroethane-d4	0.890	0.826	7.2	51	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	54	0.00
35 S	Dibromofluoromethane	0.368	0.376	-2.2	55	0.00
36 T	1,1-Dichloropropene	0.525	0.440	16.2	49#	0.00
37 T	Ethyl Acetate	0.513	0.414	19.3	40#	0.00
38 T	Carbon Tetrachloride	0.588	0.469	20.2	45#	0.00
39 T	Methylcyclohexane	0.620	0.547	11.8	51	0.00
40 TM	Benzene	1.479	1.291	12.7	49#	0.00
41 T	Methacrylonitrile	0.318	0.235	26.1#	39#	0.00
42 TM	1,2-Dichloroethane	0.615	0.506	17.7	45#	0.00
43 T	Isopropyl Acetate	0.894	0.649	27.4#	38#	0.00
44 TM	Trichloroethene	0.376	0.319	15.2	49#	0.00
45 C	1,2-Dichloropropane	0.382	0.318	16.8#	45#	0.00
46 T	Dibromomethane	0.287	0.245	14.6	47#	0.00
47 T	Bromodichloromethane	0.590	0.494	16.3	44#	0.00
48 T	Methyl methacrylate	0.460	0.346	24.8	39#	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	0.006	0.004	33.3#	35#	0.00
50 S	Toluene-d8	1.212	1.232	-1.7	56	0.00
51 T	4-Methyl-2-Pentanone	0.568	0.411	27.6#	37#	0.00
52 CM	Toluene	0.908	0.809	10.9#	49#	0.00
53 T	t-1,3-Dichloropropene	0.529	0.425	19.7	42#	0.00
54 T	cis-1,3-Dichloropropene	0.589	0.485	17.7	44#	0.00
55 T	1,1,2-Trichloroethane	0.365	0.303	17.0	44#	0.00
56 T	Ethyl methacrylate	0.561	0.439	21.7	40#	0.00
57 T	1,3-Dichloropropane	0.644	0.529	17.9	45#	0.00
58 T	2-Chloroethyl Vinyl ether	0.306	0.182	40.5#	31#	0.00
59 T	2-Hexanone	0.407	0.292	28.3#	37#	0.00
60 T	Dibromochloromethane	0.429	0.351	18.2	44#	0.00
61 T	1,2-Dibromoethane	0.380	0.308	18.9	45#	0.00
62 S	4-Bromofluorobenzene	0.502	0.516	-2.8	56	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	56	0.00
64 T	Tetrachloroethene	0.334	0.288	13.8	52	0.00
65 PM	Chlorobenzene	1.176	0.963	18.1	48#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.397	0.317	20.2	44#	0.00
67 C	Ethyl Benzene	2.053	1.716	16.4#	47#	0.00
68 T	m/p-Xylenes	0.745	0.645	13.4	49#	0.00
69 T	o-Xylene	0.720	0.603	16.3	47#	0.00
70 T	Styrene	1.233	1.053	14.6	47#	0.00
71 P	Bromoform	0.303	0.233	23.1	42#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	58	0.00
73 T	Isopropylbenzene	3.930	3.092	21.3	46#	0.00
74 T	N-amyl acetate	1.731	1.214	29.9#	39#	0.00
75 P	1,1,2,2-Tetrachloroethane	1.258	0.915	27.3#	42#	0.00
76 T	1,2,3-Trichloropropane	1.059	0.758	28.4#	42#	0.00
77 T	Bromobenzene	0.912	0.734	19.5	48#	0.00
78 T	n-propylbenzene	4.757	3.732	21.5	46#	0.00
79 T	2-Chlorotoluene	2.869	2.246	21.7	47#	0.00
80 T	1,3,5-Trimethylbenzene	3.275	2.581	21.2	46#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.367	0.245	33.2#	39#	0.00
82 T	4-Chlorotoluene	3.400	2.684	21.1	47#	0.00
83 T	tert-Butylbenzene	3.334	2.520	24.4	45#	0.00
84 T	1,2,4-Trimethylbenzene	3.313	2.615	21.1	47#	0.00
85 T	sec-Butylbenzene	4.284	3.326	22.4	46#	0.00
86 T	p-Isopropyltoluene	3.572	2.768	22.5	46#	0.00
87 T	1,3-Dichlorobenzene	1.772	1.395	21.3	48#	0.00
88 T	1,4-Dichlorobenzene	1.836	1.399	23.8	49#	0.00
89 T	n-Butylbenzene	3.507	2.655	24.3	46#	0.00
90 T	Hexachloroethane	0.635	0.446	29.8#	43#	0.00
91 T	1,2-Dichlorobenzene	1.710	1.318	22.9	47#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.282	0.187	33.7#	38#	0.00
93 T	1,2,4-Trichlorobenzene	1.167	0.841	27.9#	45#	0.00
94 T	Hexachlorobutadiene	0.542	0.376	30.6#	44#	0.00
95 T	Naphthalene	3.699	2.697	27.1#	42#	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	1.170	0.824	29.6#	44#	0.00

(#) = Out of Range

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