

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
 Data File : VY022997.D
 Acq On : 18 Jul 2025 14:02
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY071825

Quant Time: Jul 19 01:54:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:50:49 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	0.425	0.388	8.7	95	0.00
3 P	Chloromethane	0.722	0.716	0.8	105	0.00
4 C	Vinyl Chloride	0.915	0.917	-0.2#	100	0.00
5 T	Bromomethane	0.660	0.653	1.1	106	0.00
6 T	Chloroethane	0.611	0.615	-0.7	100	0.00
7 T	Trichlorofluoromethane	1.062	1.025	3.5	95	0.00
8 T	Diethyl Ether	0.278	0.262	5.8	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.558	0.541	3.0	97	0.00
10 T	Methyl Iodide	0.579	0.532	8.1	85	0.00
11 T	Tert butyl alcohol	0.031	0.033	-6.5	100	0.00
12 CM	1,1-Dichloroethene	0.531	0.517	2.6#	98	0.00
13 T	Acrolein	0.014	0.008	42.9#	93	0.00
14 T	Allyl chloride	0.809	0.801	1.0	98	0.00
15 T	Acrylonitrile	0.105	0.108	-2.9	99	0.00
16 T	Acetone	0.092	0.080	13.0	94	0.00
17 T	Carbon Disulfide	1.610	1.546	4.0	97	0.00
18 T	Methyl Acetate	0.311	0.320	-2.9	89	0.00
19 T	Methyl tert-butyl Ether	1.274	1.286	-0.9	98	0.00
20 T	Methylene Chloride	0.871	0.638	26.8#	95	0.00
21 T	trans-1,2-Dichloroethene	0.591	0.582	1.5	99	0.00
22 T	Diisopropyl ether	1.717	1.751	-2.0	99	0.00
23 T	Vinyl Acetate	0.865	0.902	-4.3	101	0.00
24 P	1,1-Dichloroethane	1.079	1.073	0.6	98	0.00
25 T	2-Butanone	0.132	0.131	0.8	96	0.00
26 T	2,2-Dichloropropane	0.945	0.907	4.0	96	0.00
27 T	cis-1,2-Dichloroethene	0.682	0.677	0.7	97	0.00
28 T	Bromochloromethane	0.418	0.421	-0.7	95	0.00
29 T	Tetrahydrofuran	0.083	0.087	-4.8	97	0.00
30 C	Chloroform	1.088	1.071	1.6#	98	0.00
31 T	Cyclohexane	1.008	0.963	4.5	99	0.00
32 T	1,1,1-Trichloroethane	0.987	0.956	3.1	96	0.00
33 S	1,2-Dichloroethane-d4	0.506	0.499	1.4	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.317	0.299	5.7	94	0.00
36 T	1,1-Dichloropropene	0.500	0.482	3.6	97	0.00
37 T	Ethyl Acetate	0.186	0.182	2.2	98	0.00
38 T	Carbon Tetrachloride	0.543	0.517	4.8	96	0.00
39 T	Methylcyclohexane	0.647	0.643	0.6	100	0.00
40 TM	Benzene	1.504	1.467	2.5	98	0.00
41 T	Methacrylonitrile	0.101	0.103	-2.0	98	0.00
42 TM	1,2-Dichloroethane	0.374	0.366	2.1	97	0.00
43 T	Isopropyl Acetate	0.369	0.379	-2.7	98	0.00
44 TM	Trichloroethene	0.386	0.363	6.0	94	0.00
45 C	1,2-Dichloropropane	0.351	0.341	2.8#	99	0.00
46 T	Dibromomethane	0.182	0.175	3.8	95	0.00
47 T	Bromodichloromethane	0.502	0.489	2.6	98	0.00
48 T	Methyl methacrylate	0.178	0.185	-3.9	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	99	0.00
50 S	Toluene-d8	1.258	1.201	4.5	94	0.00
51 T	4-Methyl-2-Pentanone	0.187	0.197	-5.3	98	0.00
52 CM	Toluene	0.935	0.924	1.2#	98	0.00
53 T	t-1,3-Dichloropropene	0.431	0.429	0.5	98	0.00
54 T	cis-1,3-Dichloropropene	0.519	0.508	2.1	98	0.00
55 T	1,1,2-Trichloroethane	0.239	0.233	2.5	97	0.00
56 T	Ethyl methacrylate	0.298	0.312	-4.7	98	0.00
57 T	1,3-Dichloropropane	0.412	0.409	0.7	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.146	0.149	-2.1	90	0.00
59 T	2-Hexanone	0.123	0.129	-4.9	96	0.00
60 T	Dibromochloromethane	0.312	0.306	1.9	96	0.00
61 T	1,2-Dibromoethane	0.217	0.215	0.9	97	0.00
62 S	4-Bromofluorobenzene	0.396	0.376	5.1	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.511	0.469	8.2	86	0.00
65 PM	Chlorobenzene	1.180	1.146	2.9	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.402	0.389	3.2	97	0.00
67 C	Ethyl Benzene	2.091	2.106	-0.7#	99	0.00
68 T	m/p-Xylenes	0.802	0.807	-0.6	99	0.00
69 T	o-Xylene	0.744	0.757	-1.7	100	0.00
70 T	Styrene	1.219	1.241	-1.8	99	0.00
71 P	Bromoform	0.204	0.204	0.0	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	4.239	4.180	1.4	99	0.00
74 T	N-amyl acetate	0.799	0.835	-4.5	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.613	0.613	0.0	105	0.00
76 T	1,2,3-Trichloropropane	0.623	0.602	3.4	97	0.00
77 T	Bromobenzene	0.919	0.883	3.9	98	0.00
78 T	n-propylbenzene	5.048	5.054	-0.1	100	0.00
79 T	2-Chlorotoluene	2.839	2.803	1.3	101	0.00
80 T	1,3,5-Trimethylbenzene	3.343	3.352	-0.3	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.209	0.194	7.2	93	0.00
82 T	4-Chlorotoluene	2.864	2.821	1.5	99	0.00
83 T	tert-Butylbenzene	3.020	3.061	-1.4	101	0.00
84 T	1,2,4-Trimethylbenzene	3.291	3.314	-0.7	101	0.00
85 T	sec-Butylbenzene	4.526	4.601	-1.7	102	0.00
86 T	p-Isopropyltoluene	3.676	3.794	-3.2	102	0.00
87 T	1,3-Dichlorobenzene	1.855	1.818	2.0	100	0.00
88 T	1,4-Dichlorobenzene	1.795	1.737	3.2	99	0.00
89 T	n-Butylbenzene	3.392	3.498	-3.1	103	0.00
90 T	Hexachloroethane	0.761	0.752	1.2	102	0.00
91 T	1,2-Dichlorobenzene	1.565	1.510	3.5	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.091	0.091	0.0	97	0.00
93 T	1,2,4-Trichlorobenzene	0.825	0.806	2.3	98	0.00
94 T	Hexachlorobutadiene	0.520	0.491	5.6	100	0.00
95 T	Naphthalene	1.323	1.351	-2.1	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.681	0.667	2.1	96	0.00

(#) = Out of Range

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