

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050225\
 Data File : VY022119.D
 Acq On : 02 May 2025 10:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 03 02:48:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 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	112	0.00
2 T	Dichlorodifluoromethane	0.426	0.371	12.9	106	0.00
3 P	Chloromethane	0.607	0.522	14.0	97	0.00
4 C	Vinyl Chloride	0.745	0.656	11.9#	101	0.00
5 T	Bromomethane	0.642	0.557	13.2	105	0.00
6 T	Chloroethane	0.508	0.453	10.8	103	0.00
7 T	Trichlorofluoromethane	0.983	0.881	10.4	103	0.00
8 T	Diethyl Ether	0.256	0.255	0.4	116	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.533	0.498	6.6	114	0.00
10 T	Methyl Iodide	0.617	0.659	-6.8	117	0.00
11 T	Tert butyl alcohol	0.025	0.027	-8.0	117	0.00
12 CM	1,1-Dichloroethene	0.497	0.477	4.0#	114	0.00
13 T	Acrolein	0.046	0.025	45.7#	65	0.00
14 T	Allyl chloride	0.579	0.556	4.0	112	0.00
15 T	Acrylonitrile	0.094	0.091	3.2	109	0.00
16 T	Acetone	0.070	0.061	12.9	108	0.00
17 T	Carbon Disulfide	1.585	1.399	11.7	105	0.00
18 T	Methyl Acetate	0.216	0.267	-23.6	134	0.00
19 T	Methyl tert-butyl Ether	1.113	1.212	-8.9	120	0.00
20 T	Methylene Chloride	0.584	0.557	4.6	117	0.00
21 T	trans-1,2-Dichloroethene	0.557	0.540	3.1	114	0.01
22 T	Diisopropyl ether	1.288	1.297	-0.7	113	0.00
23 T	Vinyl Acetate	0.694	0.687	1.0	108	0.00
24 P	1,1-Dichloroethane	0.893	0.872	2.4	115	0.00
25 T	2-Butanone	0.105	0.104	1.0	111	0.00
26 T	2,2-Dichloropropane	0.782	0.795	-1.7	120	0.00
27 T	cis-1,2-Dichloroethene	0.622	0.636	-2.3	117	0.00
28 T	Bromochloromethane	0.347	0.340	2.0	111	0.00
29 T	Tetrahydrofuran	0.068	0.070	-2.9	108	0.00
30 C	Chloroform	0.990	1.003	-1.3#	118	0.00
31 T	Cyclohexane	0.763	0.697	8.7	110	0.00
32 T	1,1,1-Trichloroethane	0.896	0.912	-1.8	120	0.00
33 S	1,2-Dichloroethane-d4	0.462	0.449	2.8	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	114	0.00
35 S	Dibromofluoromethane	0.330	0.313	5.2	108	0.00
36 T	1,1-Dichloropropene	0.444	0.422	5.0	113	0.00
37 T	Ethyl Acetate	0.159	0.151	5.0	107	0.00
38 T	Carbon Tetrachloride	0.530	0.522	1.5	118	0.00
39 T	Methylcyclohexane	0.558	0.540	3.2	112	0.00
40 TM	Benzene	1.387	1.341	3.3	115	0.00
41 T	Methacrylonitrile	0.087	0.092	-5.7	115	-0.01
42 TM	1,2-Dichloroethane	0.343	0.350	-2.0	119	0.00
43 T	Isopropyl Acetate	0.306	0.314	-2.6	115	0.00
44 TM	Trichloroethene	0.384	0.376	2.1	117	0.00
45 C	1,2-Dichloropropane	0.307	0.300	2.3#	114	0.00
46 T	Dibromomethane	0.192	0.192	0.0	117	0.00
47 T	Bromodichloromethane	0.480	0.486	-1.3	118	0.00
48 T	Methyl methacrylate	0.141	0.144	-2.1	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	119	0.00
50 S	Toluene-d8	1.245	1.174	5.7	105	0.00
51 T	4-Methyl-2-Pentanone	0.160	0.168	-5.0	112	0.00
52 CM	Toluene	0.898	0.899	-0.1#	115	0.00
53 T	t-1,3-Dichloropropene	0.411	0.424	-3.2	116	0.00
54 T	cis-1,3-Dichloropropene	0.489	0.493	-0.8	116	0.00
55 T	1,1,2-Trichloroethane	0.256	0.256	0.0	114	0.00
56 T	Ethyl methacrylate	0.293	0.316	-7.8	114	0.00
57 T	1,3-Dichloropropane	0.411	0.412	-0.2	115	0.00
58 T	2-Chloroethyl Vinyl ether	0.143	0.153	-7.0	109	0.00
59 T	2-Hexanone	0.106	0.112	-5.7	111	0.00
60 T	Dibromochloromethane	0.355	0.359	-1.1	117	0.00
61 T	1,2-Dibromoethane	0.242	0.246	-1.7	116	0.00
62 S	4-Bromofluorobenzene	0.419	0.412	1.7	111	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
64 T	Tetrachloroethene	0.472	0.466	1.3	116	0.00
65 PM	Chlorobenzene	1.118	1.109	0.8	116	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.399	-1.3	117	0.00
67 C	Ethyl Benzene	1.829	1.865	-2.0#	115	0.00
68 T	m/p-Xylenes	0.728	0.741	-1.8	114	0.00
69 T	o-Xylene	0.671	0.700	-4.3	115	0.00
70 T	Styrene	1.126	1.184	-5.2	115	0.00
71 P	Bromoform	0.229	0.235	-2.6	116	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.341	3.620	-8.4	117	0.00
74 T	N-amyl acetate	0.574	0.626	-9.1	113	0.00
75 P	1,1,2,2-Tetrachloroethane	0.563	0.579	-2.8	113	0.00
76 T	1,2,3-Trichloropropane	0.428	0.434	-1.4	115	0.00
77 T	Bromobenzene	0.844	0.887	-5.1	115	0.00
78 T	n-propylbenzene	3.978	4.239	-6.6	114	0.00
79 T	2-Chlorotoluene	2.314	2.446	-5.7	115	0.00
80 T	1,3,5-Trimethylbenzene	2.752	2.978	-8.2	114	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.186	-4.5	113	0.00
82 T	4-Chlorotoluene	2.405	2.552	-6.1	115	0.00
83 T	tert-Butylbenzene	2.468	2.694	-9.2	116	0.00
84 T	1,2,4-Trimethylbenzene	2.753	2.995	-8.8	115	0.00
85 T	sec-Butylbenzene	3.612	3.900	-8.0	116	0.00
86 T	p-Isopropyltoluene	3.067	3.278	-6.9	113	0.00
87 T	1,3-Dichlorobenzene	1.714	1.718	-0.2	112	0.00
88 T	1,4-Dichlorobenzene	1.698	1.699	-0.1	112	0.00
89 T	n-Butylbenzene	2.742	2.891	-5.4	113	0.00
90 T	Hexachloroethane	0.674	0.689	-2.2	116	0.00
91 T	1,2-Dichlorobenzene	1.495	1.533	-2.5	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.090	0.095	-5.6	121	0.00
93 T	1,2,4-Trichlorobenzene	0.847	0.904	-6.7	118	0.00
94 T	Hexachlorobutadiene	0.521	0.534	-2.5	119	0.00
95 T	Naphthalene	1.408	1.621	-15.1	121	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.731	0.791	-8.2	120	0.00

(#) = Out of Range

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