

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
 Data File : VY021211.D
 Acq On : 14 Feb 2025 16:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 14 22:21:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 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	65	0.00
2 T	Dichlorodifluoromethane	0.446	0.397	11.0	58	0.00
3 P	Chloromethane	0.440	0.429	2.5	67	0.00
4 C	Vinyl Chloride	0.443	0.427	3.6#	66	0.00
5 T	Bromomethane	0.274	0.260	5.1	66	0.00
6 T	Chloroethane	0.263	0.263	0.0	67	0.00
7 T	Trichlorofluoromethane	0.806	0.717	11.0	59	0.00
8 T	Diethyl Ether	0.252	0.235	6.7	64	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.506	0.463	8.5	61	0.00
10 T	Methyl Iodide	0.562	0.519	7.7	58	0.00
11 T	Tert butyl alcohol	0.035	0.028	20.0	56	0.00
12 CM	1,1-Dichloroethene	0.477	0.436	8.6#	61	0.00
13 T	Acrolein	0.053	0.029	45.3#	37#	0.00
14 T	Allyl chloride	0.803	0.799	0.5	65	0.00
15 T	Acrylonitrile	0.105	0.103	1.9	64	0.00
16 T	Acetone	0.080	0.076	5.0	64	0.00
17 T	Carbon Disulfide	1.495	1.296	13.3	57	0.00
18 T	Methyl Acetate	0.280	0.279	0.4	63	0.00
19 T	Methyl tert-butyl Ether	1.205	1.143	5.1	61	0.01
20 T	Methylene Chloride	0.497	0.483	2.8	65	0.00
21 T	trans-1,2-Dichloroethene	0.525	0.501	4.6	63	0.00
22 T	Diisopropyl ether	1.656	1.710	-3.3	67	0.00
23 T	Vinyl Acetate	0.923	0.909	1.5	63	0.00
24 P	1,1-Dichloroethane	0.970	0.969	0.1	67	0.00
25 T	2-Butanone	0.131	0.123	6.1	60	0.00
26 T	2,2-Dichloropropane	0.898	0.798	11.1	60	0.00
27 T	cis-1,2-Dichloroethene	0.604	0.595	1.5	65	0.01
28 T	Bromochloromethane	0.384	0.403	-4.9	64	0.00
29 T	Tetrahydrofuran	0.089	0.085	4.5	61	0.01
30 C	Chloroform	0.997	0.995	0.2#	66	0.00
31 T	Cyclohexane	0.874	0.764	12.6	60	0.00
32 T	1,1,1-Trichloroethane	0.927	0.905	2.4	65	0.00
33 S	1,2-Dichloroethane-d4	0.512	0.512	0.0	67	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	67	0.00
35 S	Dibromofluoromethane	0.320	0.310	3.1	66	0.00
36 T	1,1-Dichloropropene	0.475	0.431	9.3	62	0.00
37 T	Ethyl Acetate	0.208	0.189	9.1	60	0.01
38 T	Carbon Tetrachloride	0.555	0.519	6.5	64	0.00
39 T	Methylcyclohexane	0.581	0.520	10.5	59	0.00
40 TM	Benzene	1.393	1.340	3.8	65	0.00
41 T	Methacrylonitrile	0.120	0.108	10.0	65	0.00
42 TM	1,2-Dichloroethane	0.386	0.369	4.4	65	0.00
43 T	Isopropyl Acetate	0.414	0.384	7.2	61	0.00
44 TM	Trichloroethene	0.360	0.328	8.9	63	0.00
45 C	1,2-Dichloropropane	0.331	0.324	2.1#	66	0.00
46 T	Dibromomethane	0.183	0.175	4.4	65	0.00
47 T	Bromodichloromethane	0.491	0.480	2.2	67	0.00
48 T	Methyl methacrylate	0.188	0.181	3.7	63	0.00

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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)
49 T	1,4-Dioxane	0.002	0.002	0.0	67	0.00
50 S	Toluene-d8	1.220	1.182	3.1	66	0.00
51 T	4-Methyl-2-Pentanone	0.208	0.196	5.8	61	0.00
52 CM	Toluene	0.875	0.845	3.4#	65	0.00
53 T	t-1,3-Dichloropropene	0.441	0.415	5.9	62	0.00
54 T	cis-1,3-Dichloropropene	0.522	0.501	4.0	64	0.00
55 T	1,1,2-Trichloroethane	0.237	0.230	3.0	65	0.00
56 T	Ethyl methacrylate	0.317	0.300	5.4	60	0.00
57 T	1,3-Dichloropropane	0.410	0.393	4.1	64	0.00
58 T	2-Chloroethyl Vinyl ether	0.151	0.147	2.6	63	0.00
59 T	2-Hexanone	0.134	0.128	4.5	60	0.00
60 T	Dibromochloromethane	0.333	0.316	5.1	64	0.00
61 T	1,2-Dibromoethane	0.222	0.207	6.8	62	0.00
62 S	4-Bromofluorobenzene	0.399	0.408	-2.3	68	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	69	0.00
64 T	Tetrachloroethene	0.371	0.322	13.2	61	0.00
65 PM	Chlorobenzene	1.113	1.026	7.8	65	0.00
66 T	1,1,1,2-Tetrachloroethane	0.396	0.370	6.6	66	0.00
67 C	Ethyl Benzene	1.969	1.849	6.1#	65	0.00
68 T	m/p-Xylenes	0.737	0.687	6.8	64	0.00
69 T	o-Xylene	0.687	0.653	4.9	66	0.00
70 T	Styrene	1.145	1.112	2.9	66	0.00
71 P	Bromoform	0.220	0.202	8.2	64	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	73	0.00
73 T	Isopropylbenzene	3.906	3.422	12.4	65	0.00
74 T	N-amyl acetate	0.854	0.742	13.1	61	0.00
75 P	1,1,2,2-Tetrachloroethane	0.650	0.550	15.4	63	0.00
76 T	1,2,3-Trichloropropane	0.454	0.427	5.9	67	0.00
77 T	Bromobenzene	0.901	0.783	13.1	66	0.00
78 T	n-propylbenzene	4.653	4.126	11.3	66	0.00
79 T	2-Chlorotoluene	2.665	2.359	11.5	66	0.00
80 T	1,3,5-Trimethylbenzene	3.167	2.826	10.8	66	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.179	19.4	59	0.00
82 T	4-Chlorotoluene	2.715	2.375	12.5	66	0.00
83 T	tert-Butylbenzene	2.878	2.542	11.7	65	0.00
84 T	1,2,4-Trimethylbenzene	3.096	2.822	8.9	67	0.00
85 T	sec-Butylbenzene	4.143	3.655	11.8	66	0.00
86 T	p-Isopropyltoluene	3.442	3.096	10.1	66	0.00
87 T	1,3-Dichlorobenzene	1.740	1.532	12.0	66	0.00
88 T	1,4-Dichlorobenzene	1.714	1.501	12.4	66	0.00
89 T	n-Butylbenzene	3.140	2.857	9.0	66	0.00
90 T	Hexachloroethane	0.718	0.652	9.2	68	0.00
91 T	1,2-Dichlorobenzene	1.510	1.340	11.3	67	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.097	0.081	16.5	61	0.00
93 T	1,2,4-Trichlorobenzene	0.841	0.784	6.8	65	0.00
94 T	Hexachlorobutadiene	0.557	0.522	6.3	69	0.00
95 T	Naphthalene	1.345	1.282	4.7	63	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	0.700	0.676	3.4	67	0.00

(#) = Out of Range

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