

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021346.D
 Acq On : 27 Feb 2025 10:13
 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: Feb 28 00:39:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 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	124	0.00
2 T	Dichlorodifluoromethane	0.474	0.413	12.9	104	0.00
3 P	Chloromethane	0.612	0.531	13.2	109	0.00
4 C	Vinyl Chloride	0.601	0.554	7.8#	109	0.00
5 T	Bromomethane	0.399	0.355	11.0	113	0.00
6 T	Chloroethane	0.373	0.354	5.1	112	0.00
7 T	Trichlorofluoromethane	0.908	0.857	5.6	113	0.00
8 T	Diethyl Ether	0.272	0.265	2.6	115	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.525	0.483	8.0	111	0.00
10 T	Methyl Iodide	0.553	0.569	-2.9	110	0.00
11 T	Tert butyl alcohol	0.044	0.035	20.5	109	0.00
12 CM	1,1-Dichloroethene	0.503	0.467	7.2#	112	0.00
13 T	Acrolein	0.033	0.008	75.8#	152#	0.00
14 T	Allyl chloride	0.892	0.818	8.3	109	0.00
15 T	Acrylonitrile	0.120	0.113	5.8	110	0.00
16 T	Acetone	0.109	0.108	0.9	104	0.00
17 T	Carbon Disulfide	1.671	1.540	7.8	110	0.00
18 T	Methyl Acetate	0.266	0.254	4.5	114	0.00
19 T	Methyl tert-butyl Ether	1.329	1.304	1.9	114	0.00
20 T	Methylene Chloride	0.588	0.523	11.1	111	0.00
21 T	trans-1,2-Dichloroethene	0.554	0.533	3.8	115	0.00
22 T	Diisopropyl ether	1.846	1.743	5.6	110	0.00
23 T	Vinyl Acetate	1.103	1.056	4.3	110	0.00
24 P	1,1-Dichloroethane	1.040	0.977	6.1	112	0.00
25 T	2-Butanone	0.164	0.156	4.9	105	0.00
26 T	2,2-Dichloropropane	0.944	0.876	7.2	111	0.00
27 T	cis-1,2-Dichloroethene	0.632	0.615	2.7	114	0.00
28 T	Bromochloromethane	0.460	0.454	1.3	123	0.00
29 T	Tetrahydrofuran	0.107	0.101	5.6	109	0.00
30 C	Chloroform	1.054	0.999	5.2#	113	0.00
31 T	Cyclohexane	1.000	0.858	14.2	107	0.00
32 T	1,1,1-Trichloroethane	0.960	0.904	5.8	113	0.00
33 S	1,2-Dichloroethane-d4	0.567	0.558	1.6	125	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	124	0.00
35 S	Dibromofluoromethane	0.328	0.334	-1.8	127	0.00
36 T	1,1-Dichloropropene	0.492	0.461	6.3	110	0.00
37 T	Ethyl Acetate	0.245	0.228	6.9	110	0.00
38 T	Carbon Tetrachloride	0.554	0.524	5.4	112	0.00
39 T	Methylcyclohexane	0.623	0.568	8.8	106	0.00
40 TM	Benzene	1.456	1.381	5.2	111	0.00
41 T	Methacrylonitrile	0.137	0.123	10.2	103	0.00
42 TM	1,2-Dichloroethane	0.413	0.403	2.4	115	0.00
43 T	Isopropyl Acetate	0.474	0.447	5.7	108	0.00
44 TM	Trichloroethene	0.364	0.350	3.8	113	0.00
45 C	1,2-Dichloropropane	0.350	0.331	5.4#	110	0.00
46 T	Dibromomethane	0.191	0.187	2.1	114	0.00
47 T	Bromodichloromethane	0.511	0.501	2.0	114	0.00
48 T	Methyl methacrylate	0.222	0.211	5.0	105	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	0.002	0.002	0.0	122	0.00
50 S	Toluene-d8	1.267	1.261	0.5	124	0.00
51 T	4-Methyl-2-Pentanone	0.243	0.236	2.9	109	0.00
52 CM	Toluene	0.904	0.878	2.9#	112	0.00
53 T	t-1,3-Dichloropropene	0.468	0.463	1.1	111	0.00
54 T	cis-1,3-Dichloropropene	0.552	0.535	3.1	112	0.00
55 T	1,1,2-Trichloroethane	0.249	0.238	4.4	110	0.00
56 T	Ethyl methacrylate	0.345	0.352	-2.0	111	0.00
57 T	1,3-Dichloropropane	0.438	0.426	2.7	112	0.00
58 T	2-Chloroethyl Vinyl ether	0.165	0.160	3.0	103	0.00
59 T	2-Hexanone	0.159	0.157	1.3	106	0.00
60 T	Dibromochloromethane	0.340	0.334	1.8	112	0.00
61 T	1,2-Dibromoethane	0.236	0.228	3.4	111	0.00
62 S	4-Bromofluorobenzene	0.426	0.425	0.2	124	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	124	0.00
64 T	Tetrachloroethene	0.378	0.347	8.2	111	0.00
65 PM	Chlorobenzene	1.122	1.069	4.7	113	0.00
66 T	1,1,1,2-Tetrachloroethane	0.393	0.376	4.3	113	0.00
67 C	Ethyl Benzene	1.988	1.908	4.0#	111	0.00
68 T	m/p-Xylenes	0.748	0.712	4.8	110	0.00
69 T	o-Xylene	0.701	0.674	3.9	111	0.00
70 T	Styrene	1.166	1.136	2.6	111	0.00
71 P	Bromoform	0.225	0.221	1.8	112	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	121	0.00
73 T	Isopropylbenzene	3.759	3.639	3.2	110	0.00
74 T	N-amyl acetate	0.955	0.939	1.7	107	0.00
75 P	1,1,2,2-Tetrachloroethane	0.663	0.638	3.8	110	0.00
76 T	1,2,3-Trichloropropane	0.500	0.485	3.0	112	0.00
77 T	Bromobenzene	0.874	0.847	3.1	113	0.00
78 T	n-propylbenzene	4.561	4.382	3.9	109	0.00
79 T	2-Chlorotoluene	2.618	2.493	4.8	111	0.00
80 T	1,3,5-Trimethylbenzene	3.083	2.993	2.9	111	0.00
81 T	trans-1,4-Dichloro-2-butene	0.225	0.219	2.7	108	0.00
82 T	4-Chlorotoluene	2.714	2.595	4.4	111	0.00
83 T	tert-Butylbenzene	2.785	2.649	4.9	111	0.00
84 T	1,2,4-Trimethylbenzene	3.066	2.985	2.6	111	0.00
85 T	sec-Butylbenzene	4.068	3.837	5.7	109	0.00
86 T	p-Isopropyltoluene	3.397	3.239	4.7	109	0.00
87 T	1,3-Dichlorobenzene	1.730	1.628	5.9	110	0.00
88 T	1,4-Dichlorobenzene	1.709	1.598	6.5	110	0.00
89 T	n-Butylbenzene	3.196	3.046	4.7	107	0.00
90 T	Hexachloroethane	0.710	0.648	8.7	108	0.00
91 T	1,2-Dichlorobenzene	1.515	1.449	4.4	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.105	0.099	5.7	106	0.00
93 T	1,2,4-Trichlorobenzene	0.925	0.872	5.7	109	0.00
94 T	Hexachlorobutadiene	0.582	0.520	10.7	106	0.00
95 T	Naphthalene	1.532	1.497	2.3	105	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	0.781	0.739	5.4	108	0.00

(#) = Out of Range

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