

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031725\
 Data File : VY021554.D
 Acq On : 17 Mar 2025 16:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 18 01:28:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 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	80	0.00
2 T	Dichlorodifluoromethane	0.459	0.414	9.8	74	0.00
3 P	Chloromethane	0.647	0.676	-4.5	88	0.00
4 C	Vinyl Chloride	0.707	0.768	-8.6#	89	0.00
5 T	Bromomethane	0.511	0.543	-6.3	93	-0.01
6 T	Chloroethane	0.467	0.546	-16.9	95	0.00
7 T	Trichlorofluoromethane	0.987	1.029	-4.3	85	-0.01
8 T	Diethyl Ether	0.273	0.308	-12.8	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.566	-0.5	84	-0.01
10 T	Methyl Iodide	0.573	0.710	-23.9	90	-0.01
11 T	Tert butyl alcohol	0.041	0.037	9.8	79	-0.02
12 CM	1,1-Dichloroethene	0.514	0.527	-2.5#	83	-0.01
13 T	Acrolein	0.027	0.006	77.8#	101	-0.01
14 T	Allyl chloride	0.830	0.907	-9.3	86	-0.01
15 T	Acrylonitrile	0.116	0.134	-15.5	86	-0.01
16 T	Acetone	0.115	0.101	12.2	60	0.00
17 T	Carbon Disulfide	1.610	1.604	0.4	79	-0.01
18 T	Methyl Acetate	0.256	0.380	-48.4#	107	-0.01
19 T	Methyl tert-butyl Ether	1.302	1.525	-17.1	89	0.00
20 T	Methylene Chloride	0.605	0.632	-4.5	92	-0.01
21 T	trans-1,2-Dichloroethene	0.575	0.626	-8.9	89	-0.02
22 T	Diisopropyl ether	1.789	2.126	-18.8	92	0.00
23 T	Vinyl Acetate	1.021	1.146	-12.2	83	-0.01
24 P	1,1-Dichloroethane	1.056	1.211	-14.7	92	-0.01
25 T	2-Butanone	0.159	0.170	-6.9	75	0.00
26 T	2,2-Dichloropropane	0.971	0.912	6.1	78	0.00
27 T	cis-1,2-Dichloroethene	0.653	0.756	-15.8	92	-0.01
28 T	Bromochloromethane	0.443	0.441	0.5	76	-0.01
29 T	Tetrahydrofuran	0.098	0.115	-17.3	83	0.00
30 C	Chloroform	1.096	1.273	-16.1#	94	0.00
31 T	Cyclohexane	0.990	0.924	6.7	79	0.00
32 T	1,1,1-Trichloroethane	1.004	1.085	-8.1	89	0.00
33 S	1,2-Dichloroethane-d4	0.528	0.542	-2.7	90	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.329	0.336	-2.1	94	0.00
36 T	1,1-Dichloropropene	0.514	0.535	-4.1	85	0.00
37 T	Ethyl Acetate	0.227	0.250	-10.1	83	0.00
38 T	Carbon Tetrachloride	0.592	0.615	-3.9	86	0.00
39 T	Methylcyclohexane	0.631	0.616	2.4	78	0.00
40 TM	Benzene	1.515	1.693	-11.7	90	0.00
41 T	Methacrylonitrile	0.124	0.137	-10.5	86	0.00
42 TM	1,2-Dichloroethane	0.424	0.487	-14.9	92	0.00
43 T	Isopropyl Acetate	0.441	0.500	-13.4	85	0.00
44 TM	Trichloroethene	0.383	0.423	-10.4	91	0.00
45 C	1,2-Dichloropropane	0.361	0.416	-15.2#	93	0.00
46 T	Dibromomethane	0.201	0.235	-16.9	91	0.00
47 T	Bromodichloromethane	0.533	0.628	-17.8	94	0.00
48 T	Methyl methacrylate	0.203	0.235	-15.8	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	90	0.00
50 S	Toluene-d8	1.244	1.238	0.5	90	0.00
51 T	4-Methyl-2-Pentanone	0.228	0.266	-16.7	83	0.00
52 CM	Toluene	0.955	1.077	-12.8#	90	0.00
53 T	t-1,3-Dichloropropene	0.470	0.544	-15.7	90	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.630	-13.1	88	0.00
55 T	1,1,2-Trichloroethane	0.263	0.307	-16.7	89	0.00
56 T	Ethyl methacrylate	0.335	0.408	-21.8	88	0.00
57 T	1,3-Dichloropropane	0.455	0.534	-17.4	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.157	-1.3	75	0.00
59 T	2-Hexanone	0.151	0.175	-15.9	79	0.00
60 T	Dibromochloromethane	0.360	0.429	-19.2	94	0.00
61 T	1,2-Dibromoethane	0.248	0.288	-16.1	91	0.00
62 S	4-Bromofluorobenzene	0.423	0.438	-3.5	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.407	0.477	-17.2	100	0.00
65 PM	Chlorobenzene	1.181	1.294	-9.6	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.464	-11.3	93	0.00
67 C	Ethyl Benzene	2.072	2.271	-9.6#	90	0.00
68 T	m/p-Xylenes	0.787	0.865	-9.9	89	0.00
69 T	o-Xylene	0.725	0.826	-13.9	92	0.00
70 T	Styrene	1.203	1.417	-17.8	94	0.00
71 P	Bromoform	0.233	0.267	-14.6	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	3.939	4.046	-2.7	89	0.00
74 T	N-amyl acetate	0.855	0.911	-6.5	85	0.00
75 P	1,1,2,2-Tetrachloroethane	0.695	0.706	-1.6	86	0.00
76 T	1,2,3-Trichloropropane	0.504	0.510	-1.2	92	0.00
77 T	Bromobenzene	0.921	0.979	-6.3	93	0.00
78 T	n-propylbenzene	4.783	4.944	-3.4	89	0.00
79 T	2-Chlorotoluene	2.735	2.883	-5.4	93	0.00
80 T	1,3,5-Trimethylbenzene	3.201	3.379	-5.6	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.207	6.8	77	0.00
82 T	4-Chlorotoluene	2.832	2.991	-5.6	93	0.00
83 T	tert-Butylbenzene	2.855	3.012	-5.5	91	0.00
84 T	1,2,4-Trimethylbenzene	3.178	3.414	-7.4	92	0.00
85 T	sec-Butylbenzene	4.248	4.362	-2.7	88	0.00
86 T	p-Isopropyltoluene	3.500	3.714	-6.1	91	0.00
87 T	1,3-Dichlorobenzene	1.834	1.920	-4.7	94	0.00
88 T	1,4-Dichlorobenzene	1.794	1.907	-6.3	94	0.00
89 T	n-Butylbenzene	3.232	3.374	-4.4	88	0.00
90 T	Hexachloroethane	0.747	0.757	-1.3	92	0.00
91 T	1,2-Dichlorobenzene	1.572	1.699	-8.1	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.107	-2.9	87	0.00
93 T	1,2,4-Trichlorobenzene	0.859	0.966	-12.5	94	0.00
94 T	Hexachlorobutadiene	0.538	0.574	-6.7	92	0.00
95 T	Naphthalene	1.390	1.619	-16.5	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.829	-14.8	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6