

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
 Data File : VY021610.D
 Acq On : 24 Mar 2025 11:06
 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: Mar 25 01:28:58 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	91	0.00
2 T	Dichlorodifluoromethane	0.459	0.393	14.4	80	0.00
3 P	Chloromethane	0.647	0.622	3.9	92	0.00
4 C	Vinyl Chloride	0.707	0.723	-2.3#	96	0.00
5 T	Bromomethane	0.511	0.471	7.8	92	-0.01
6 T	Chloroethane	0.467	0.511	-9.4	101	0.00
7 T	Trichlorofluoromethane	0.987	1.009	-2.2	95	-0.01
8 T	Diethyl Ether	0.273	0.254	7.0	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.554	1.6	94	-0.02
10 T	Methyl Iodide	0.573	0.548	4.4	79	-0.02
11 T	Tert butyl alcohol	0.041	0.031	24.4	74	-0.02
12 CM	1,1-Dichloroethene	0.514	0.492	4.3#	89	-0.01
13 T	Acrolein	0.027	0.004	85.2#	76	-0.01
14 T	Allyl chloride	0.830	0.816	1.7	89	-0.02
15 T	Acrylonitrile	0.116	0.111	4.3	81	-0.01
16 T	Acetone	0.115	0.123	-7.0	84	0.00
17 T	Carbon Disulfide	1.610	1.370	14.9	77	-0.02
18 T	Methyl Acetate	0.256	0.324	-26.6#	104	0.00
19 T	Methyl tert-butyl Ether	1.302	1.262	3.1	84	0.00
20 T	Methylene Chloride	0.605	0.593	2.0	98	-0.01
21 T	trans-1,2-Dichloroethene	0.575	0.552	4.0	89	-0.02
22 T	Diisopropyl ether	1.789	1.767	1.2	87	0.00
23 T	Vinyl Acetate	1.021	0.941	7.8	77	-0.01
24 P	1,1-Dichloroethane	1.056	1.043	1.2	91	-0.01
25 T	2-Butanone	0.159	0.154	3.1	78	0.00
26 T	2,2-Dichloropropane	0.971	0.957	1.4	93	0.00
27 T	cis-1,2-Dichloroethene	0.653	0.643	1.5	90	-0.01
28 T	Bromochloromethane	0.443	0.401	9.5	78	-0.01
29 T	Tetrahydrofuran	0.098	0.092	6.1	76	0.00
30 C	Chloroform	1.096	1.093	0.3#	92	-0.01
31 T	Cyclohexane	0.990	0.851	14.0	83	-0.01
32 T	1,1,1-Trichloroethane	1.004	0.991	1.3	93	0.00
33 S	1,2-Dichloroethane-d4	0.528	0.460	12.9	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.329	0.308	6.4	93	-0.01
36 T	1,1-Dichloropropene	0.514	0.509	1.0	88	0.00
37 T	Ethyl Acetate	0.227	0.212	6.6	76	0.00
38 T	Carbon Tetrachloride	0.592	0.612	-3.4	93	-0.01
39 T	Methylcyclohexane	0.631	0.618	2.1	85	0.00
40 TM	Benzene	1.515	1.523	-0.5	88	0.00
41 T	Methacrylonitrile	0.124	0.125	-0.8	85	0.00
42 TM	1,2-Dichloroethane	0.424	0.421	0.7	86	-0.01
43 T	Isopropyl Acetate	0.441	0.420	4.8	78	0.00
44 TM	Trichloroethene	0.383	0.397	-3.7	93	0.00
45 C	1,2-Dichloropropane	0.361	0.366	-1.4#	89	0.00
46 T	Dibromomethane	0.201	0.198	1.5	83	0.00
47 T	Bromodichloromethane	0.533	0.555	-4.1	90	0.00
48 T	Methyl methacrylate	0.203	0.206	-1.5	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	86	0.00
50 S	Toluene-d8	1.244	1.142	8.2	90	0.00
51 T	4-Methyl-2-Pentanone	0.228	0.226	0.9	77	0.00
52 CM	Toluene	0.955	0.992	-3.9#	90	0.00
53 T	t-1,3-Dichloropropene	0.470	0.482	-2.6	86	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.577	-3.6	88	0.00
55 T	1,1,2-Trichloroethane	0.263	0.271	-3.0	85	0.00
56 T	Ethyl methacrylate	0.335	0.346	-3.3	80	0.00
57 T	1,3-Dichloropropane	0.455	0.461	-1.3	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.155	0.0	79	0.00
59 T	2-Hexanone	0.151	0.160	-6.0	78	0.00
60 T	Dibromochloromethane	0.360	0.377	-4.7	89	0.00
61 T	1,2-Dibromoethane	0.248	0.251	-1.2	86	0.00
62 S	4-Bromofluorobenzene	0.423	0.396	6.4	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.407	0.471	-15.7	104	0.00
65 PM	Chlorobenzene	1.181	1.208	-2.3	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.433	-3.8	91	0.00
67 C	Ethyl Benzene	2.072	2.138	-3.2#	89	0.00
68 T	m/p-Xylenes	0.787	0.821	-4.3	89	0.00
69 T	o-Xylene	0.725	0.776	-7.0	91	0.00
70 T	Styrene	1.203	1.307	-8.6	91	0.00
71 P	Bromoform	0.233	0.244	-4.7	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	3.939	4.067	-3.2	91	0.00
74 T	N-amyl acetate	0.855	0.821	4.0	78	0.00
75 P	1,1,2,2-Tetrachloroethane	0.695	0.652	6.2	81	0.00
76 T	1,2,3-Trichloropropane	0.504	0.477	5.4	88	0.00
77 T	Bromobenzene	0.921	0.920	0.1	90	0.00
78 T	n-propylbenzene	4.783	4.927	-3.0	91	0.00
79 T	2-Chlorotoluene	2.735	2.753	-0.7	91	0.00
80 T	1,3,5-Trimethylbenzene	3.201	3.362	-5.0	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.212	4.5	80	0.00
82 T	4-Chlorotoluene	2.832	2.887	-1.9	92	0.00
83 T	tert-Butylbenzene	2.855	3.001	-5.1	93	0.00
84 T	1,2,4-Trimethylbenzene	3.178	3.328	-4.7	92	0.00
85 T	sec-Butylbenzene	4.248	4.463	-5.1	93	0.00
86 T	p-Isopropyltoluene	3.500	3.720	-6.3	94	0.00
87 T	1,3-Dichlorobenzene	1.834	1.877	-2.3	94	0.00
88 T	1,4-Dichlorobenzene	1.794	1.842	-2.7	94	0.00
89 T	n-Butylbenzene	3.232	3.492	-8.0	93	0.00
90 T	Hexachloroethane	0.747	0.780	-4.4	97	0.00
91 T	1,2-Dichlorobenzene	1.572	1.641	-4.4	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.101	2.9	85	0.00
93 T	1,2,4-Trichlorobenzene	0.859	0.962	-12.0	96	0.00
94 T	Hexachlorobutadiene	0.538	0.606	-12.6	99	0.00
95 T	Naphthalene	1.390	1.517	-9.1	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.806	-11.6	94	0.00

(#) = Out of Range

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