

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041725\
 Data File : VY021914.D
 Acq On : 17 Apr 2025 16:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 18 04:01:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 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	62	0.00
2 T	Dichlorodifluoromethane	0.518	0.552	-6.6	68	0.00
3 P	Chloromethane	0.729	0.892	-22.4	80	0.00
4 C	Vinyl Chloride	0.824	0.967	-17.4#	75	0.00
5 T	Bromomethane	0.562	0.706	-25.6#	85	0.00
6 T	Chloroethane	0.539	0.673	-24.9	81	0.00
7 T	Trichlorofluoromethane	1.056	1.283	-21.5	78	0.00
8 T	Diethyl Ether	0.287	0.352	-22.6	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.557	0.685	-23.0	79	0.00
10 T	Methyl Iodide	0.611	0.817	-33.7#	77	0.00
11 T	Tert butyl alcohol	0.035	0.036	-2.9	66	0.03
12 CM	1,1-Dichloroethene	0.524	0.638	-21.8#	77	0.00
13 T	Acrolein	0.064	0.013	79.7#	12#	0.00
14 T	Allyl chloride	0.836	1.029	-23.1	76	0.00
15 T	Acrylonitrile	0.120	0.147	-22.5	75	0.00
16 T	Acetone	0.111	0.103	7.2	59	0.01
17 T	Carbon Disulfide	1.727	1.951	-13.0	71	0.00
18 T	Methyl Acetate	0.275	0.459	-66.9#	107	0.00
19 T	Methyl tert-butyl Ether	1.306	1.633	-25.0#	76	0.00
20 T	Methylene Chloride	0.626	0.733	-17.1	80	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.729	-26.3#	80	0.00
22 T	Diisopropyl ether	1.754	2.323	-32.4#	80	0.00
23 T	Vinyl Acetate	1.026	1.197	-16.7	70	0.00
24 P	1,1-Dichloroethane	1.049	1.342	-27.9#	80	0.00
25 T	2-Butanone	0.158	0.177	-12.0	69	0.00
26 T	2,2-Dichloropropane	0.933	1.157	-24.0	78	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.853	-31.4#	81	0.00
28 T	Bromochloromethane	0.442	0.568	-28.5#	83	0.00
29 T	Tetrahydrofuran	0.102	0.118	-15.7	70	0.00
30 C	Chloroform	1.091	1.413	-29.5#	81	0.00
31 T	Cyclohexane	0.956	1.070	-11.9	72	0.00
32 T	1,1,1-Trichloroethane	0.986	1.255	-27.3#	80	0.00
33 S	1,2-Dichloroethane-d4	0.542	0.717	-32.3#	81	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	60	0.00
35 S	Dibromofluoromethane	0.324	0.462	-42.6#	82	0.00
36 T	1,1-Dichloropropene	0.494	0.644	-30.4#	78	0.00
37 T	Ethyl Acetate	0.233	0.268	-15.0	69	0.00
38 T	Carbon Tetrachloride	0.566	0.747	-32.0#	80	0.00
39 T	Methylcyclohexane	0.590	0.765	-29.7#	75	0.00
40 TM	Benzene	1.479	2.013	-36.1#	81	0.00
41 T	Methacrylonitrile	0.124	0.159	-28.2#	70	-0.01
42 TM	1,2-Dichloroethane	0.417	0.544	-30.5#	78	0.00
43 T	Isopropyl Acetate	0.442	0.541	-22.4	72	0.00
44 TM	Trichloroethene	0.377	0.516	-36.9#	83	0.00
45 C	1,2-Dichloropropane	0.350	0.480	-37.1#	82	0.00
46 T	Dibromomethane	0.202	0.276	-36.6#	84	0.00
47 T	Bromodichloromethane	0.523	0.716	-36.9#	82	0.00
48 T	Methyl methacrylate	0.203	0.272	-34.0#	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	74	0.01
50 S	Toluene-d8	1.234	1.772	-43.6#	82	0.00
51 T	4-Methyl-2-Pentanone	0.230	0.300	-30.4#	75	0.00
52 CM	Toluene	0.923	1.285	-39.2#	82	0.00
53 T	t-1,3-Dichloropropene	0.465	0.614	-32.0#	76	0.00
54 T	cis-1,3-Dichloropropene	0.548	0.731	-33.4#	78	0.00
55 T	1,1,2-Trichloroethane	0.260	0.360	-38.5#	83	0.00
56 T	Ethyl methacrylate	0.332	0.455	-37.0#	75	0.00
57 T	1,3-Dichloropropane	0.449	0.615	-37.0#	81	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.246	-51.9#	83	0.00
59 T	2-Hexanone	0.153	0.196	-28.1#	72	0.00
60 T	Dibromochloromethane	0.355	0.489	-37.7#	81	0.00
61 T	1,2-Dibromoethane	0.244	0.332	-36.1#	79	0.00
62 S	4-Bromofluorobenzene	0.417	0.627	-50.4#	86	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	63	0.00
64 T	Tetrachloroethene	0.455	0.631	-38.7#	89	0.00
65 PM	Chlorobenzene	1.146	1.507	-31.5#	83	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.555	-36.4#	85	0.00
67 C	Ethyl Benzene	1.965	2.650	-34.9#	82	0.00
68 T	m/p-Xylenes	0.753	1.028	-36.5#	83	0.00
69 T	o-Xylene	0.695	0.954	-37.3#	82	0.00
70 T	Styrene	1.158	1.639	-41.5#	84	0.00
71 P	Bromoform	0.232	0.306	-31.9#	82	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	68	0.00
73 T	Isopropylbenzene	3.714	4.660	-25.5#	82	0.00
74 T	N-amyl acetate	0.872	0.990	-13.5	73	0.00
75 P	1,1,2,2-Tetrachloroethane	0.668	0.740	-10.8	76	0.00
76 T	1,2,3-Trichloropropane	0.496	0.585	-17.9	79	0.00
77 T	Bromobenzene	0.892	1.109	-24.3	84	0.00
78 T	n-propylbenzene	4.465	5.706	-27.8#	84	0.00
79 T	2-Chlorotoluene	2.593	3.269	-26.1#	84	0.00
80 T	1,3,5-Trimethylbenzene	3.035	3.896	-28.4#	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.215	0.227	-5.6	69	0.00
82 T	4-Chlorotoluene	2.704	3.405	-25.9#	84	0.00
83 T	tert-Butylbenzene	2.703	3.472	-28.4#	84	0.00
84 T	1,2,4-Trimethylbenzene	3.000	3.927	-30.9#	85	0.00
85 T	sec-Butylbenzene	3.951	5.096	-29.0#	84	0.00
86 T	p-Isopropyltoluene	3.265	4.297	-31.6#	85	0.00
87 T	1,3-Dichlorobenzene	1.757	2.251	-28.1#	87	0.00
88 T	1,4-Dichlorobenzene	1.736	2.201	-26.8#	86	0.00
89 T	n-Butylbenzene	3.020	3.918	-29.7#	84	0.00
90 T	Hexachloroethane	0.716	0.889	-24.2	85	0.00
91 T	1,2-Dichlorobenzene	1.529	1.960	-28.2#	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.119	-15.5	79	0.00
93 T	1,2,4-Trichlorobenzene	0.829	1.157	-39.6#	89	0.00
94 T	Hexachlorobutadiene	0.518	0.697	-34.6#	90	0.00
95 T	Naphthalene	1.375	1.923	-39.9#	86	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	0.707	0.999	-41.3#	91	0.00

(#) = Out of Range

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