

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015259.D
 Acq On : 22 Aug 2023 20:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 23 02:47:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 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	53	0.01
2 T	Dichlorodifluoromethane	0.253	0.265	-4.7	65	0.00
3 P	Chloromethane	0.347	0.423	-21.9	73	0.00
4 C	Vinyl Chloride	0.398	0.506	-27.1#	70	0.00
5 T	Bromomethane	0.291	0.441	-51.5#	80	0.00
6 T	Chloroethane	0.289	0.412	-42.6#	76	0.00
7 T	Trichlorofluoromethane	0.670	0.868	-29.6#	72	0.00
8 T	Diethyl Ether	0.263	0.396	-50.6#	82	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.417	0.535	-28.3#	71	0.01
10 T	Methyl Iodide	0.409	0.473	-15.6	58	0.00
11 T	Tert butyl alcohol	0.116	0.138	-19.0	74	0.02
12 CM	1,1-Dichloroethene	0.348	0.453	-30.2#	70	0.00
13 T	Acrolein	0.056	0.037	33.9#	54	0.00
14 T	Allyl chloride	0.617	0.833	-35.0#	72	0.00
15 T	Acrylonitrile	0.178	0.298	-67.4#	89	0.00
16 T	Acetone	0.196	0.248	-26.5#	64	0.01
17 T	Carbon Disulfide	0.612	0.753	-23.0	64	0.00
18 T	Methyl Acetate	0.719	1.201	-67.0#	88	0.01
19 T	Methyl tert-butyl Ether	1.479	2.269	-53.4#	81	0.01
20 T	Methylene Chloride	0.570	0.776	-36.1#	85	0.00
21 T	trans-1,2-Dichloroethene	0.392	0.544	-38.8#	74	0.00
22 T	Diisopropyl ether	1.539	2.356	-53.1#	82	0.00
23 T	Vinyl Acetate	0.918	1.326	-44.4#	75	0.01
24 P	1,1-Dichloroethane	0.833	1.235	-48.3#	79	0.01
25 T	2-Butanone	0.278	0.430	-54.7#	82	0.01
26 T	2,2-Dichloropropane	0.803	0.753	6.2	52	0.01
27 T	cis-1,2-Dichloroethene	0.536	0.803	-49.8#	81	0.01
28 T	Bromochloromethane	0.383	0.473	-23.5	67	0.00
29 T	Tetrahydrofuran	0.166	0.279	-68.1#	89	0.00
30 C	Chloroform	0.934	1.399	-49.8#	81	0.00
31 T	Cyclohexane	0.597	0.713	-19.4	68	0.00
32 T	1,1,1-Trichloroethane	0.795	1.109	-39.5#	75	0.00
33 S	1,2-Dichloroethane-d4	0.600	0.934	-55.7#	81	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	57	0.00
35 S	Dibromofluoromethane	0.322	0.454	-41.0#	79	0.00
36 T	1,1-Dichloropropene	0.356	0.454	-27.5#	74	0.00
37 T	Ethyl Acetate	0.332	0.490	-47.6#	87	0.00
38 T	Carbon Tetrachloride	0.421	0.521	-23.8	73	0.00
39 T	Methylcyclohexane	0.399	0.469	-17.5	68	0.00
40 TM	Benzene	1.076	1.483	-37.8#	80	0.00
41 T	Methacrylonitrile	0.171	0.285	-66.7#	90	0.00
42 TM	1,2-Dichloroethane	0.391	0.557	-42.5#	82	0.00
43 T	Isopropyl Acetate	0.604	0.890	-47.4#	85	0.00
44 TM	Trichloroethene	0.310	0.421	-35.8#	80	0.00
45 C	1,2-Dichloropropane	0.303	0.430	-41.9#	83	0.00
46 T	Dibromomethane	0.191	0.276	-44.5#	82	0.00
47 T	Bromodichloromethane	0.457	0.644	-40.9#	81	0.00
48 T	Methyl methacrylate	0.258	0.403	-56.2#	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.006	-50.0#	83	0.00
50 S	Toluene-d8	1.197	1.590	-32.8#	75	0.00
51 T	4-Methyl-2-Pentanone	0.350	0.542	-54.9#	88	0.00
52 CM	Toluene	0.709	0.945	-33.3#	77	0.00
53 T	t-1,3-Dichloropropene	0.480	0.589	-22.7	71	0.00
54 T	cis-1,3-Dichloropropene	0.505	0.637	-26.1#	73	0.00
55 T	1,1,2-Trichloroethane	0.291	0.414	-42.3#	83	0.00
56 T	Ethyl methacrylate	0.426	0.606	-42.3#	80	0.00
57 T	1,3-Dichloropropane	0.475	0.680	-43.2#	83	0.00
58 T	2-Chloroethyl Vinyl ether	0.198	0.242	-22.2	72	0.00
59 T	2-Hexanone	0.259	0.387	-49.4#	85	0.00
60 T	Dibromochloromethane	0.347	0.487	-40.3#	80	0.00
61 T	1,2-Dibromoethane	0.276	0.388	-40.6#	81	0.00
62 S	4-Bromofluorobenzene	0.437	0.578	-32.3#	76	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	60	0.00
64 T	Tetrachloroethene	0.348	0.538	-54.6#	94	0.00
65 PM	Chlorobenzene	0.911	1.174	-28.9#	78	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.495	-33.8#	81	0.00
67 C	Ethyl Benzene	1.596	1.994	-24.9#	76	0.00
68 T	m/p-Xylenes	0.606	0.761	-25.6#	76	0.00
69 T	o-Xylene	0.604	0.778	-28.8#	78	0.00
70 T	Styrene	1.045	1.367	-30.8#	79	0.00
71 P	Bromoform	0.268	0.362	-35.1#	81	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	61	0.00
73 T	Isopropylbenzene	3.215	3.835	-19.3	76	0.00
74 T	N-amyl acetate	1.161	1.519	-30.8#	80	0.00
75 P	1,1,2,2-Tetrachloroethane	0.837	1.117	-33.5#	83	0.00
76 T	1,2,3-Trichloropropane	0.607	0.897	-47.8#	95	0.00
77 T	Bromobenzene	0.784	0.972	-24.0	79	0.00
78 T	n-propylbenzene	3.818	4.508	-18.1	75	0.00
79 T	2-Chlorotoluene	2.203	2.702	-22.7	78	0.00
80 T	1,3,5-Trimethylbenzene	2.680	3.229	-20.5	76	0.00
81 T	trans-1,4-Dichloro-2-butene	0.277	0.286	-3.2	63	0.00
82 T	4-Chlorotoluene	2.275	2.792	-22.7	77	0.00
83 T	tert-Butylbenzene	2.451	2.963	-20.9	76	0.00
84 T	1,2,4-Trimethylbenzene	2.678	3.255	-21.5	76	0.00
85 T	sec-Butylbenzene	3.592	4.260	-18.6	75	0.00
86 T	p-Isopropyltoluene	2.978	3.512	-17.9	74	0.00
87 T	1,3-Dichlorobenzene	1.554	1.908	-22.8	77	0.00
88 T	1,4-Dichlorobenzene	1.559	1.926	-23.5	78	0.00
89 T	n-Butylbenzene	2.808	3.206	-14.2	71	0.00
90 T	Hexachloroethane	0.591	0.688	-16.4	74	0.00
91 T	1,2-Dichlorobenzene	1.452	1.870	-28.8#	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.162	0.220	-35.8#	84	0.00
93 T	1,2,4-Trichlorobenzene	0.932	1.121	-20.3	75	0.00
94 T	Hexachlorobutadiene	0.507	0.568	-12.0	72	0.00
95 T	Naphthalene	2.322	3.077	-32.5#	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.842	1.071	-27.2#	80	0.00

(#) = Out of Range

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