

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015993.D
 Acq On : 16 Oct 2023 18:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 17 05:46:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 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	90	0.00
2 T	Dichlorodifluoromethane	0.418	0.426	-1.9	87	0.00
3 P	Chloromethane	0.745	0.582	21.9	85	0.00
4 C	Vinyl Chloride	0.535	0.590	-10.3#	96	0.00
5 T	Bromomethane	0.303	0.397	-31.0#	108	0.01
6 T	Chloroethane	0.346	0.349	-0.9	84	0.01
7 T	Trichlorofluoromethane	0.908	1.064	-17.2	103	0.01
8 T	Diethyl Ether	0.339	0.327	3.5	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.573	-11.0	100	0.00
10 T	Methyl Iodide	0.594	0.617	-3.9	85	0.00
11 T	Tert butyl alcohol	0.331	0.272	17.8	101	0.10
12 CM	1,1-Dichloroethene	0.486	0.536	-10.3#	97	0.00
13 T	Acrolein	0.108	0.103	4.6	77	0.01
14 T	Allyl chloride	0.786	0.929	-18.2	102	0.00
15 T	Acrylonitrile	0.299	0.301	-0.7	86	0.02
16 T	Acetone	0.331	0.380	-14.8	86	0.03
17 T	Carbon Disulfide	1.486	1.596	-7.4	95	0.00
18 T	Methyl Acetate	1.150	1.049	8.8	79	0.02
19 T	Methyl tert-butyl Ether	1.630	1.447	11.2	76	0.02
20 T	Methylene Chloride	0.750	0.621	17.2	88	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.564	0.7	88	0.00
22 T	Diisopropyl ether	1.632	1.613	1.2	86	0.02
23 T	Vinyl Acetate	1.073	0.938	12.6	73	0.01
24 P	1,1-Dichloroethane	0.971	0.973	-0.2	89	0.00
25 T	2-Butanone	0.482	0.483	-0.2	86	0.02
26 T	2,2-Dichloropropane	0.806	0.803	0.4	89	0.01
27 T	cis-1,2-Dichloroethene	0.639	0.618	3.3	85	0.01
28 T	Bromochloromethane	0.433	0.417	3.7	85	0.00
29 T	Tetrahydrofuran	0.331	0.328	0.9	86	0.02
30 C	Chloroform	1.008	1.008	0.0	88	0.00
31 T	Cyclohexane	0.908	0.910	-0.2	93	0.00
32 T	1,1,1-Trichloroethane	0.896	0.926	-3.3	92	0.00
33 S	1,2-Dichloroethane-d4	0.571	0.533	6.7	81	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.315	0.313	0.6	82	0.01
36 T	1,1-Dichloropropene	0.475	0.509	-7.2	92	0.00
37 T	Ethyl Acetate	0.733	0.527	28.1#	60	0.02
38 T	Carbon Tetrachloride	0.500	0.532	-6.4	92	0.00
39 T	Methylcyclohexane	0.609	0.655	-7.6	92	0.00
40 TM	Benzene	1.374	1.434	-4.4	89	0.00
41 T	Methacrylonitrile	0.242	0.221	8.7	78	0.00
42 TM	1,2-Dichloroethane	0.441	0.431	2.3	84	0.01
43 T	Isopropyl Acetate	0.787	0.733	6.9	77	0.01
44 TM	Trichloroethene	0.423	0.461	-9.0	96	0.00
45 C	1,2-Dichloropropane	0.351	0.360	-2.6#	88	0.00
46 T	Dibromomethane	0.246	0.234	4.9	78	0.01
47 T	Bromodichloromethane	0.498	0.497	0.2	85	0.00
48 T	Methyl methacrylate	0.348	0.328	5.7	77	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.014	-100.0#	176#	0.04
50 S	Toluene-d8	1.179	1.243	-5.4	88	0.00
51 T	4-Methyl-2-Pentanone	0.580	0.730	-25.9#	103	0.00
52 CM	Toluene	0.879	0.948	-7.8#	92	0.00
53 T	t-1,3-Dichloropropene	0.558	0.595	-6.6	89	0.00
54 T	cis-1,3-Dichloropropene	0.600	0.633	-5.5	88	0.00
55 T	1,1,2-Trichloroethane	0.351	0.374	-6.6	92	0.00
56 T	Ethyl methacrylate	0.549	0.595	-8.4	89	0.00
57 T	1,3-Dichloropropane	0.595	0.628	-5.5	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.241	0.182	24.5	79	0.00
59 T	2-Hexanone	0.495	0.658	-32.9#	111	0.00
60 T	Dibromochloromethane	0.399	0.428	-7.3	90	0.00
61 T	1,2-Dibromoethane	0.380	0.405	-6.6	91	0.00
62 S	4-Bromofluorobenzene	0.420	0.450	-7.1	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.436	0.468	-7.3	101	0.00
65 PM	Chlorobenzene	1.048	1.082	-3.2	91	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.405	-4.4	93	0.00
67 C	Ethyl Benzene	1.832	1.934	-5.6#	93	0.00
68 T	m/p-Xylenes	0.707	0.749	-5.9	93	0.00
69 T	o-Xylene	0.676	0.719	-6.4	93	0.00
70 T	Styrene	1.150	1.245	-8.3	94	0.00
71 P	Bromoform	0.330	0.350	-6.1	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.540	3.654	-3.2	94	0.00
74 T	N-amyl acetate	1.430	1.573	-10.0	96	0.00
75 P	1,1,2,2-Tetrachloroethane	1.087	1.029	5.3	85	0.00
76 T	1,2,3-Trichloropropane	0.979	0.952	2.8	100	0.00
77 T	Bromobenzene	0.889	0.892	-0.3	91	0.00
78 T	n-propylbenzene	4.304	4.441	-3.2	93	0.00
79 T	2-Chlorotoluene	2.435	2.464	-1.2	92	0.00
80 T	1,3,5-Trimethylbenzene	2.941	3.051	-3.7	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.415	0.452	-8.9	95	0.00
82 T	4-Chlorotoluene	2.502	2.563	-2.4	94	0.00
83 T	tert-Butylbenzene	2.584	2.678	-3.6	93	0.00
84 T	1,2,4-Trimethylbenzene	2.952	3.091	-4.7	95	0.00
85 T	sec-Butylbenzene	3.835	3.975	-3.7	94	0.00
86 T	p-Isopropyltoluene	3.205	3.350	-4.5	94	0.00
87 T	1,3-Dichlorobenzene	1.706	1.763	-3.3	95	0.00
88 T	1,4-Dichlorobenzene	1.723	1.775	-3.0	94	0.00
89 T	n-Butylbenzene	3.014	3.169	-5.1	95	0.00
90 T	Hexachloroethane	0.614	0.627	-2.1	94	0.00
91 T	1,2-Dichlorobenzene	1.601	1.661	-3.7	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.311	0.380	-22.2	114	0.00
93 T	1,2,4-Trichlorobenzene	1.052	1.089	-3.5	94	0.00
94 T	Hexachlorobutadiene	0.534	0.543	-1.7	93	0.00
95 T	Naphthalene	3.414	3.822	-12.0	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.009	1.046	-3.7	95	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5