

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
 Data File : VY014608.D
 Acq On : 10 Jul 2023 10:01
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 11 03:12:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 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	82	0.00
2 T	Dichlorodifluoromethane	0.405	0.380	6.2	87	0.00
3 P	Chloromethane	0.579	0.586	-1.2	87	0.00
4 C	Vinyl Chloride	0.667	0.702	-5.2#	90	0.00
5 T	Bromomethane	0.518	0.511	1.4	88	-0.02
6 T	Chloroethane	0.430	0.446	-3.7	87	-0.01
7 T	Trichlorofluoromethane	0.811	0.821	-1.2	86	-0.01
8 T	Diethyl Ether	0.307	0.296	3.6	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.484	0.500	-3.3	88	-0.01
10 T	Methyl Iodide	0.552	0.590	-6.9	82	0.00
11 T	Tert butyl alcohol	0.100	0.073	27.0#	70	-0.02
12 CM	1,1-Dichloroethene	0.469	0.477	-1.7#	83	0.00
13 T	Acrolein	0.063	0.064	-1.6	78	0.00
14 T	Allyl chloride	0.707	0.664	6.1	76	-0.01
15 T	Acrylonitrile	0.176	0.164	6.8	73	-0.01
16 T	Acetone	0.155	0.210	-35.5#	109	-0.01
17 T	Carbon Disulfide	1.429	1.387	2.9	80	-0.01
18 T	Methyl Acetate	0.707	0.626	11.5	72	0.00
19 T	Methyl tert-butyl Ether	1.348	1.306	3.1	76	0.00
20 T	Methylene Chloride	0.673	0.536	20.4	76	0.00
21 T	trans-1,2-Dichloroethene	0.531	0.508	4.3	78	-0.01
22 T	Diisopropyl ether	1.457	1.413	3.0	75	0.00
23 T	Vinyl Acetate	0.843	0.847	-0.5	75	-0.01
24 P	1,1-Dichloroethane	0.914	0.868	5.0	78	0.00
25 T	2-Butanone	0.230	0.242	-5.2	81	-0.01
26 T	2,2-Dichloropropane	0.779	0.773	0.8	83	0.00
27 T	cis-1,2-Dichloroethene	0.602	0.579	3.8	77	0.00
28 T	Bromochloromethane	0.384	0.388	-1.0	82	0.00
29 T	Tetrahydrofuran	0.148	0.143	3.4	73	0.00
30 C	Chloroform	0.954	0.918	3.8#	79	0.00
31 T	Cyclohexane	0.780	0.717	8.1	78	0.00
32 T	1,1,1-Trichloroethane	0.815	0.785	3.7	79	0.00
33 S	1,2-Dichloroethane-d4	0.497	0.497	0.0	81	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
35 S	Dibromofluoromethane	0.308	0.345	-12.0	85	0.00
36 T	1,1-Dichloropropene	0.472	0.485	-2.8	79	0.00
37 T	Ethyl Acetate	0.323	0.321	0.6	74	0.00
38 T	Carbon Tetrachloride	0.492	0.516	-4.9	82	0.00
39 T	Methylcyclohexane	0.564	0.599	-6.2	81	0.00
40 TM	Benzene	1.427	1.419	0.6	77	0.00
41 T	Methacrylonitrile	0.158	0.173	-9.5	82	0.00
42 TM	1,2-Dichloroethane	0.420	0.427	-1.7	78	0.00
43 T	Isopropyl Acetate	0.548	0.555	-1.3	75	0.00
44 TM	Trichloroethene	0.398	0.405	-1.8	79	0.00
45 C	1,2-Dichloropropane	0.366	0.375	-2.5#	79	0.00
46 T	Dibromomethane	0.223	0.232	-4.0	80	0.00
47 T	Bromodichloromethane	0.491	0.509	-3.7	80	0.00
48 T	Methyl methacrylate	0.249	0.257	-3.2	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	67	-0.02
50 S	Toluene-d8	1.217	1.312	-7.8	83	0.00
51 T	4-Methyl-2-Pentanone	0.324	0.331	-2.2	74	0.00
52 CM	Toluene	0.898	0.906	-0.9#	77	0.00
53 T	t-1,3-Dichloropropene	0.525	0.543	-3.4	77	0.00
54 T	cis-1,3-Dichloropropene	0.586	0.605	-3.2	78	0.00
55 T	1,1,2-Trichloroethane	0.324	0.335	-3.4	78	0.00
56 T	Ethyl methacrylate	0.441	0.463	-5.0	76	0.00
57 T	1,3-Dichloropropane	0.529	0.539	-1.9	78	0.00
58 T	2-Chloroethyl Vinyl ether	0.214	0.233	-8.9	77	0.00
59 T	2-Hexanone	0.234	0.256	-9.4	78	0.00
60 T	Dibromochloromethane	0.380	0.402	-5.8	80	0.00
61 T	1,2-Dibromoethane	0.317	0.329	-3.8	78	0.00
62 S	4-Bromofluorobenzene	0.423	0.453	-7.1	82	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64 T	Tetrachloroethene	0.447	0.452	-1.1	79	0.00
65 PM	Chlorobenzene	1.066	1.086	-1.9	79	0.00
66 T	1,1,1,2-Tetrachloroethane	0.405	0.421	-4.0	80	0.00
67 C	Ethyl Benzene	1.817	1.871	-3.0#	78	0.00
68 T	m/p-Xylenes	0.721	0.747	-3.6	78	0.00
69 T	o-Xylene	0.684	0.704	-2.9	77	0.00
70 T	Styrene	1.176	1.230	-4.6	77	0.00
71 P	Bromoform	0.308	0.328	-6.5	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73 T	Isopropylbenzene	3.275	3.416	-4.3	79	0.00
74 T	N-amyl acetate	0.988	1.010	-2.2	75	0.00
75 P	1,1,2,2-Tetrachloroethane	0.840	0.862	-2.6	78	0.00
76 T	1,2,3-Trichloropropane	0.587	0.654	-11.4	86	0.00
77 T	Bromobenzene	0.894	0.912	-2.0	78	0.00
78 T	n-propylbenzene	3.995	4.177	-4.6	79	0.00
79 T	2-Chlorotoluene	2.299	2.367	-3.0	79	0.00
80 T	1,3,5-Trimethylbenzene	2.772	2.903	-4.7	79	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.310	-3.0	78	0.00
82 T	4-Chlorotoluene	2.408	2.483	-3.1	79	0.00
83 T	tert-Butylbenzene	2.436	2.491	-2.3	77	0.00
84 T	1,2,4-Trimethylbenzene	2.766	2.881	-4.2	78	0.00
85 T	sec-Butylbenzene	3.595	3.789	-5.4	81	0.00
86 T	p-Isopropyltoluene	3.026	3.193	-5.5	80	0.00
87 T	1,3-Dichlorobenzene	1.749	1.797	-2.7	80	0.00
88 T	1,4-Dichlorobenzene	1.753	1.768	-0.9	79	0.00
89 T	n-Butylbenzene	2.796	3.001	-7.3	82	0.00
90 T	Hexachloroethane	0.599	0.634	-5.8	84	0.00
91 T	1,2-Dichlorobenzene	1.584	1.632	-3.0	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.154	0.152	1.3	75	0.00
93 T	1,2,4-Trichlorobenzene	1.023	1.099	-7.4	82	0.00
94 T	Hexachlorobutadiene	0.629	0.701	-11.4	88	0.00
95 T	Naphthalene	2.177	2.266	-4.1	77	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	0.932	1.007	-8.0	82	0.00

(#) = Out of Range

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