

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060523\
 Data File : VY014021.D
 Acq On : 05 Jun 2023 20:36
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 06 04:01:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 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	75	0.00
2 T	Dichlorodifluoromethane	0.440	0.424	3.6	69	0.00
3 P	Chloromethane	0.609	0.568	6.7	70	0.00
4 C	Vinyl Chloride	0.564	0.529	6.2#	68	0.00
5 T	Bromomethane	0.492	0.465	5.5	80	0.00
6 T	Chloroethane	0.404	0.364	9.9	71	0.00
7 T	Trichlorofluoromethane	0.892	0.906	-1.6	74	0.00
8 T	Diethyl Ether	0.350	0.364	-4.0	78	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.458	0.501	-9.4	78	0.01
10 T	Methyl Iodide	0.632	0.502	20.6	55	0.00
11 T	Tert butyl alcohol	0.136	0.095	30.1#	88	0.00
12 CM	1,1-Dichloroethene	0.481	0.471	2.1#	72	0.00
13 T	Acrolein	0.062	0.041	33.9#	58	0.00
14 T	Allyl chloride	0.933	0.952	-2.0	74	0.00
15 T	Acrylonitrile	0.194	0.217	-11.9	86	0.00
16 T	Acetone	0.226	0.190	15.9	58	0.00
17 T	Carbon Disulfide	1.625	1.348	17.0	61	0.00
18 T	Methyl Acetate	0.818	0.862	-5.4	81	0.00
19 T	Methyl tert-butyl Ether	1.555	1.756	-12.9	83	0.01
20 T	Methylene Chloride	0.703	0.744	-5.8	89	0.00
21 T	trans-1,2-Dichloroethene	0.544	0.561	-3.1	76	0.01
22 T	Diisopropyl ether	1.808	2.082	-15.2	83	0.00
23 T	Vinyl Acetate	1.134	1.263	-11.4	81	0.01
24 P	1,1-Dichloroethane	1.009	1.089	-7.9	81	0.00
25 T	2-Butanone	0.282	0.281	0.4	74	0.00
26 T	2,2-Dichloropropane	0.916	0.907	1.0	74	0.00
27 T	cis-1,2-Dichloroethene	0.623	0.673	-8.0	80	0.01
28 T	Bromochloromethane	0.477	0.524	-9.9	83	0.00
29 T	Tetrahydrofuran	0.175	0.185	-5.7	80	0.00
30 C	Chloroform	1.060	1.193	-12.5#	84	0.00
31 T	Cyclohexane	0.797	0.748	6.1	71	0.00
32 T	1,1,1-Trichloroethane	0.899	0.966	-7.5	78	0.00
33 S	1,2-Dichloroethane-d4	0.662	0.753	-13.7	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
35 S	Dibromofluoromethane	0.318	0.371	-16.7	86	0.01
36 T	1,1-Dichloropropene	0.453	0.461	-1.8	76	0.00
37 T	Ethyl Acetate	0.395	0.402	-1.8	81	0.00
38 T	Carbon Tetrachloride	0.507	0.533	-5.1	79	0.01
39 T	Methylcyclohexane	0.483	0.498	-3.1	73	0.00
40 TM	Benzene	1.397	1.460	-4.5	79	0.00
41 T	Methacrylonitrile	0.182	0.182	0.0	83	0.01
42 TM	1,2-Dichloroethane	0.512	0.551	-7.6	83	0.00
43 T	Isopropyl Acetate	0.665	0.695	-4.5	81	0.00
44 TM	Trichloroethene	0.366	0.375	-2.5	78	0.00
45 C	1,2-Dichloropropane	0.360	0.403	-11.9#	85	0.00
46 T	Dibromomethane	0.231	0.251	-8.7	84	0.00
47 T	Bromodichloromethane	0.520	0.582	-11.9	85	0.00
48 T	Methyl methacrylate	0.302	0.330	-9.3	82	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	82	0.00
50 S	Toluene-d8	1.212	1.303	-7.5	81	0.00
51 T	4-Methyl-2-Pentanone	0.375	0.405	-8.0	83	0.00
52 CM	Toluene	0.856	0.912	-6.5#	80	0.00
53 T	t-1,3-Dichloropropene	0.558	0.617	-10.6	83	0.00
54 T	cis-1,3-Dichloropropene	0.596	0.652	-9.4	82	0.00
55 T	1,1,2-Trichloroethane	0.304	0.340	-11.8	86	0.00
56 T	Ethyl methacrylate	0.437	0.489	-11.9	82	0.00
57 T	1,3-Dichloropropane	0.520	0.583	-12.1	85	0.00
58 T	2-Chloroethyl Vinyl ether	0.180	0.229	-27.2#	84	0.00
59 T	2-Hexanone	0.272	0.286	-5.1	78	0.00
60 T	Dibromochloromethane	0.384	0.439	-14.3	87	0.00
61 T	1,2-Dibromoethane	0.306	0.329	-7.5	83	0.00
62 S	4-Bromofluorobenzene	0.413	0.477	-15.5	86	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.343	0.357	-4.1	84	0.00
65 PM	Chlorobenzene	1.026	1.043	-1.7	82	0.00
66 T	1,1,1,2-Tetrachloroethane	0.399	0.426	-6.8	85	0.00
67 C	Ethyl Benzene	1.776	1.808	-1.8#	80	0.00
68 T	m/p-Xylenes	0.678	0.694	-2.4	80	0.00
69 T	o-Xylene	0.650	0.674	-3.7	81	0.00
70 T	Styrene	1.116	1.192	-6.8	82	0.00
71 P	Bromoform	0.294	0.310	-5.4	85	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73 T	Isopropylbenzene	3.300	3.316	-0.5	81	0.00
74 T	N-amyl acetate	1.266	1.252	1.1	81	0.00
75 P	1,1,2,2-Tetrachloroethane	0.863	0.865	-0.2	85	0.00
76 T	1,2,3-Trichloropropane	0.673	0.571	15.2	77	0.00
77 T	Bromobenzene	0.892	0.890	0.2	82	0.00
78 T	n-propylbenzene	4.045	4.121	-1.9	82	0.00
79 T	2-Chlorotoluene	2.394	2.397	-0.1	82	0.00
80 T	1,3,5-Trimethylbenzene	2.829	2.886	-2.0	82	0.00
81 T	trans-1,4-Dichloro-2-butene	0.317	0.301	5.0	80	0.00
82 T	4-Chlorotoluene	2.518	2.524	-0.2	82	0.00
83 T	tert-Butylbenzene	2.369	2.372	-0.1	79	0.00
84 T	1,2,4-Trimethylbenzene	2.825	2.908	-2.9	82	0.00
85 T	sec-Butylbenzene	3.444	3.518	-2.1	82	0.00
86 T	p-Isopropyltoluene	2.907	2.953	-1.6	81	0.00
87 T	1,3-Dichlorobenzene	1.694	1.685	0.5	82	0.00
88 T	1,4-Dichlorobenzene	1.714	1.685	1.7	82	0.00
89 T	n-Butylbenzene	2.743	2.800	-2.1	81	0.00
90 T	Hexachloroethane	0.610	0.609	0.2	83	0.00
91 T	1,2-Dichlorobenzene	1.561	1.573	-0.8	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.166	0.160	3.6	81	0.00
93 T	1,2,4-Trichlorobenzene	0.959	0.977	-1.9	81	0.00
94 T	Hexachlorobutadiene	0.511	0.532	-4.1	85	0.00
95 T	Naphthalene	2.093	2.135	-2.0	80	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	0.874	0.903	-3.3	83	0.00

(#) = Out of Range

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