

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017509.D
 Acq On : 27 Feb 2024 20:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 28 00:22:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 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	86	0.00
2 T	Dichlorodifluoromethane	0.369	0.348	5.7	83	0.00
3 P	Chloromethane	0.674	0.600	11.0	78	0.00
4 C	Vinyl Chloride	0.865	0.782	9.6#	78	0.00
5 T	Bromomethane	0.705	0.698	1.0	88	0.00
6 T	Chloroethane	0.545	0.518	5.0	80	0.00
7 T	Trichlorofluoromethane	0.881	0.852	3.3	83	0.00
8 T	Diethyl Ether	0.258	0.265	-2.7	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.507	0.512	-1.0	85	0.00
10 T	Methyl Iodide	0.569	0.502	11.8	69	0.00
11 T	Tert butyl alcohol	0.040	0.031	22.5	73	0.00
12 CM	1,1-Dichloroethene	0.472	0.482	-2.1#	86	0.00
13 T	Acrolein	0.053	0.047	11.3	76	0.00
14 T	Allyl chloride	0.571	0.569	0.4	81	0.00
15 T	Acrylonitrile	0.106	0.109	-2.8	82	0.00
16 T	Acetone	0.092	0.084	8.7	75	0.00
17 T	Carbon Disulfide	1.418	1.429	-0.8	84	0.00
18 T	Methyl Acetate	0.223	0.247	-10.8	86	0.00
19 T	Methyl tert-butyl Ether	1.101	1.141	-3.6	81	0.00
20 T	Methylene Chloride	0.658	0.605	8.1	90	0.01
21 T	trans-1,2-Dichloroethene	0.553	0.571	-3.3	85	0.00
22 T	Diisopropyl ether	1.317	1.380	-4.8	83	0.00
23 T	Vinyl Acetate	0.785	0.807	-2.8	80	0.00
24 P	1,1-Dichloroethane	0.900	0.922	-2.4	85	0.00
25 T	2-Butanone	0.131	0.129	1.5	77	0.00
26 T	2,2-Dichloropropane	0.756	0.717	5.2	80	0.00
27 T	cis-1,2-Dichloroethene	0.621	0.659	-6.1	86	0.00
28 T	Bromochloromethane	0.354	0.372	-5.1	104	0.00
29 T	Tetrahydrofuran	0.079	0.083	-5.1	81	0.00
30 C	Chloroform	0.958	1.007	-5.1#	87	0.00
31 T	Cyclohexane	0.771	0.747	3.1	82	0.00
32 T	1,1,1-Trichloroethane	0.832	0.867	-4.2	87	0.00
33 S	1,2-Dichloroethane-d4	0.474	0.472	0.4	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.348	0.362	-4.0	89	0.00
36 T	1,1-Dichloropropene	0.470	0.491	-4.5	85	0.00
37 T	Ethyl Acetate	0.186	0.187	-0.5	81	0.00
38 T	Carbon Tetrachloride	0.471	0.502	-6.6	86	0.00
39 T	Methylcyclohexane	0.565	0.591	-4.6	82	0.00
40 TM	Benzene	1.396	1.487	-6.5	86	0.00
41 T	Methacrylonitrile	0.093	0.097	-4.3	78	-0.01
42 TM	1,2-Dichloroethane	0.341	0.351	-2.9	83	0.00
43 T	Isopropyl Acetate	0.326	0.338	-3.7	80	0.00
44 TM	Trichloroethene	0.402	0.420	-4.5	86	0.00
45 C	1,2-Dichloropropane	0.332	0.346	-4.2#	84	0.00
46 T	Dibromomethane	0.190	0.200	-5.3	85	0.00
47 T	Bromodichloromethane	0.462	0.492	-6.5	85	0.00
48 T	Methyl methacrylate	0.151	0.161	-6.6	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	80	0.00
50 S	Toluene-d8	1.218	1.367	-12.2	92	0.00
51 T	4-Methyl-2-Pentanone	0.182	0.194	-6.6	82	0.00
52 CM	Toluene	0.880	0.936	-6.4#	85	0.00
53 T	t-1,3-Dichloropropene	0.428	0.441	-3.0	80	0.00
54 T	cis-1,3-Dichloropropene	0.521	0.539	-3.5	82	0.00
55 T	1,1,2-Trichloroethane	0.270	0.286	-5.9	86	0.00
56 T	Ethyl methacrylate	0.303	0.332	-9.6	80	0.00
57 T	1,3-Dichloropropane	0.439	0.460	-4.8	83	0.00
58 T	2-Chloroethyl Vinyl ether	0.156	0.169	-8.3	99	0.00
59 T	2-Hexanone	0.125	0.132	-5.6	78	0.00
60 T	Dibromochloromethane	0.319	0.346	-8.5	85	0.00
61 T	1,2-Dibromoethane	0.249	0.265	-6.4	84	0.00
62 S	4-Bromofluorobenzene	0.383	0.418	-9.1	87	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.480	0.500	-4.2	85	0.00
65 PM	Chlorobenzene	1.061	1.131	-6.6	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.398	0.435	-9.3	87	0.00
67 C	Ethyl Benzene	1.861	2.033	-9.2#	85	0.00
68 T	m/p-Xylenes	0.731	0.806	-10.3	86	0.00
69 T	o-Xylene	0.679	0.757	-11.5	85	0.00
70 T	Styrene	1.126	1.251	-11.1	84	0.00
71 P	Bromoform	0.220	0.246	-11.8	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73 T	Isopropylbenzene	3.715	4.095	-10.2	85	0.00
74 T	N-amyl acetate	0.655	0.719	-9.8	81	0.00
75 P	1,1,2,2-Tetrachloroethane	0.638	0.719	-12.7	87	0.00
76 T	1,2,3-Trichloropropane	0.475	0.478	-0.6	81	0.00
77 T	Bromobenzene	0.900	0.981	-9.0	86	0.00
78 T	n-propylbenzene	4.457	4.874	-9.4	84	0.00
79 T	2-Chlorotoluene	2.495	2.686	-7.7	85	0.00
80 T	1,3,5-Trimethylbenzene	2.976	3.288	-10.5	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.207	0.213	-2.9	79	0.00
82 T	4-Chlorotoluene	2.552	2.709	-6.2	84	0.00
83 T	tert-Butylbenzene	2.613	2.943	-12.6	86	0.00
84 T	1,2,4-Trimethylbenzene	2.938	3.229	-9.9	84	0.00
85 T	sec-Butylbenzene	3.996	4.414	-10.5	84	0.00
86 T	p-Isopropyltoluene	3.271	3.592	-9.8	83	0.00
87 T	1,3-Dichlorobenzene	1.806	1.926	-6.6	84	0.00
88 T	1,4-Dichlorobenzene	1.755	1.867	-6.4	83	0.00
89 T	n-Butylbenzene	2.984	3.213	-7.7	80	0.00
90 T	Hexachloroethane	0.656	0.707	-7.8	85	0.00
91 T	1,2-Dichlorobenzene	1.527	1.676	-9.8	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.090	0.095	-5.6	84	0.00
93 T	1,2,4-Trichlorobenzene	0.807	0.864	-7.1	80	0.00
94 T	Hexachlorobutadiene	0.498	0.524	-5.2	84	0.00
95 T	Naphthalene	1.379	1.533	-11.2	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.692	0.741	-7.1	79	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6