

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071824\
 Data File : VY018859.D
 Acq On : 18 Jul 2024 10:23
 Operator : SY/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 19 01:36:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 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	90	0.00
2 T	Dichlorodifluoromethane	0.419	0.397	5.3	79	0.00
3 P	Chloromethane	0.637	0.592	7.1	82	0.00
4 C	Vinyl Chloride	0.745	0.711	4.6#	82	0.00
5 T	Bromomethane	0.512	0.498	2.7	93	0.00
6 T	Chloroethane	0.484	0.479	1.0	90	0.00
7 T	Trichlorofluoromethane	0.973	0.960	1.3	84	0.00
8 T	Diethyl Ether	0.237	0.237	0.0	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.491	1.6	83	0.00
10 T	Methyl Iodide	0.538	0.539	-0.2	81	0.00
11 T	Tert butyl alcohol	0.050	0.037	26.0#	90	0.00
12 CM	1,1-Dichloroethene	0.483	0.461	4.6#	84	0.00
13 T	Acrolein	0.040	0.026	35.0#	63	0.00
14 T	Allyl chloride	0.598	0.611	-2.2	90	0.00
15 T	Acrylonitrile	0.094	0.099	-5.3	94	0.01
16 T	Acetone	0.091	0.111	-22.0	113	0.00
17 T	Carbon Disulfide	1.353	1.284	5.1	81	0.00
18 T	Methyl Acetate	0.264	0.270	-2.3	100	0.00
19 T	Methyl tert-butyl Ether	1.121	1.180	-5.3	92	0.00
20 T	Methylene Chloride	0.610	0.554	9.2	93	0.00
21 T	trans-1,2-Dichloroethene	0.510	0.497	2.5	85	0.01
22 T	Diisopropyl ether	1.302	1.319	-1.3	92	0.01
23 T	Vinyl Acetate	1.026	1.086	-5.8	91	0.00
24 P	1,1-Dichloroethane	0.831	0.821	1.2	89	0.00
25 T	2-Butanone	0.127	0.144	-13.4	102	0.00
26 T	2,2-Dichloropropane	0.771	0.781	-1.3	90	0.00
27 T	cis-1,2-Dichloroethene	0.594	0.585	1.5	89	0.00
28 T	Bromochloromethane	0.334	0.335	-0.3	91	0.00
29 T	Tetrahydrofuran	0.078	0.081	-3.8	91	0.00
30 C	Chloroform	0.926	0.950	-2.6#	92	0.00
31 T	Cyclohexane	0.756	0.689	8.9	82	0.00
32 T	1,1,1-Trichloroethane	0.861	0.878	-2.0	88	0.00
33 S	1,2-Dichloroethane-d4	0.492	0.470	4.5	81	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.313	0.306	2.2	81	0.00
36 T	1,1-Dichloropropene	0.432	0.427	1.2	85	0.00
37 T	Ethyl Acetate	0.180	0.195	-8.3	91	0.00
38 T	Carbon Tetrachloride	0.521	0.537	-3.1	87	0.00
39 T	Methylcyclohexane	0.554	0.558	-0.7	85	0.00
40 TM	Benzene	1.254	1.290	-2.9	91	0.00
41 T	Methacrylonitrile	0.102	0.092	9.8	85	-0.04
42 TM	1,2-Dichloroethane	0.351	0.362	-3.1	91	0.00
43 T	Isopropyl Acetate	0.357	0.371	-3.9	90	0.00
44 TM	Trichloroethene	0.358	0.368	-2.8	91	0.00
45 C	1,2-Dichloropropane	0.273	0.279	-2.2#	91	0.00
46 T	Dibromomethane	0.177	0.189	-6.8	91	0.00
47 T	Bromodichloromethane	0.442	0.475	-7.5	94	0.00
48 T	Methyl methacrylate	0.162	0.179	-10.5	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	93	0.00
50 S	Toluene-d8	1.186	1.102	7.1	77	0.00
51 T	4-Methyl-2-Pentanone	0.182	0.198	-8.8	92	0.00
52 CM	Toluene	0.833	0.839	-0.7#	89	0.00
53 T	t-1,3-Dichloropropene	0.382	0.413	-8.1	95	0.00
54 T	cis-1,3-Dichloropropene	0.448	0.481	-7.4	93	0.00
55 T	1,1,2-Trichloroethane	0.224	0.237	-5.8	93	0.00
56 T	Ethyl methacrylate	0.295	0.326	-10.5	95	0.00
57 T	1,3-Dichloropropane	0.371	0.394	-6.2	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.141	0.148	-5.0	85	0.00
59 T	2-Hexanone	0.128	0.145	-13.3	95	0.00
60 T	Dibromochloromethane	0.308	0.340	-10.4	96	0.00
61 T	1,2-Dibromoethane	0.218	0.232	-6.4	91	0.00
62 S	4-Bromofluorobenzene	0.405	0.377	6.9	79	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.405	0.432	-6.7	93	0.00
65 PM	Chlorobenzene	1.055	1.088	-3.1	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.363	0.389	-7.2	95	0.00
67 C	Ethyl Benzene	1.848	1.877	-1.6#	90	0.00
68 T	m/p-Xylenes	0.725	0.742	-2.3	90	0.00
69 T	o-Xylene	0.682	0.709	-4.0	91	0.00
70 T	Styrene	1.137	1.162	-2.2	90	0.00
71 P	Bromoform	0.198	0.220	-11.1	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	3.659	3.741	-2.2	89	0.00
74 T	N-amyl acetate	0.748	0.817	-9.2	90	0.00
75 P	1,1,2,2-Tetrachloroethane	0.577	0.587	-1.7	90	0.00
76 T	1,2,3-Trichloropropane	0.392	0.461	-17.6	112	0.00
77 T	Bromobenzene	0.874	0.911	-4.2	93	0.00
78 T	n-propylbenzene	4.346	4.406	-1.4	89	0.00
79 T	2-Chlorotoluene	2.443	2.490	-1.9	92	0.00
80 T	1,3,5-Trimethylbenzene	2.994	3.013	-0.6	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.175	0.193	-10.3	93	0.00
82 T	4-Chlorotoluene	2.516	2.535	-0.8	90	0.00
83 T	tert-Butylbenzene	2.764	2.837	-2.6	91	0.00
84 T	1,2,4-Trimethylbenzene	2.975	2.986	-0.4	90	0.00
85 T	sec-Butylbenzene	3.924	4.091	-4.3	90	0.00
86 T	p-Isopropyltoluene	3.387	3.483	-2.8	90	0.00
87 T	1,3-Dichlorobenzene	1.716	1.760	-2.6	91	0.00
88 T	1,4-Dichlorobenzene	1.701	1.718	-1.0	91	0.00
89 T	n-Butylbenzene	3.071	3.145	-2.4	88	0.00
90 T	Hexachloroethane	0.630	0.649	-3.0	90	0.00
91 T	1,2-Dichlorobenzene	1.482	1.539	-3.8	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.093	0.095	-2.2	83	0.00
93 T	1,2,4-Trichlorobenzene	0.905	0.963	-6.4	90	0.00
94 T	Hexachlorobutadiene	0.521	0.550	-5.6	88	0.00
95 T	Naphthalene	1.552	1.690	-8.9	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.774	0.838	-8.3	92	0.00

(#) = Out of Range

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