

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018015.D
 Acq On : 23 Apr 2024 09:05
 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: Apr 24 01:10:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 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	74	0.00
2 T	Dichlorodifluoromethane	0.397	0.407	-2.5	78	0.00
3 P	Chloromethane	0.657	0.697	-6.1	83	0.00
4 C	Vinyl Chloride	0.741	0.781	-5.4#	77	0.00
5 T	Bromomethane	0.493	0.569	-15.4	84	0.00
6 T	Chloroethane	0.468	0.511	-9.2	81	0.01
7 T	Trichlorofluoromethane	0.835	0.914	-9.5	80	0.00
8 T	Diethyl Ether	0.264	0.299	-13.3	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.520	0.584	-12.3	82	0.00
10 T	Methyl Iodide	0.692	0.793	-14.6	82	0.00
11 T	Tert butyl alcohol	0.034	0.027	20.6	63	0.00
12 CM	1,1-Dichloroethene	0.505	0.581	-15.0#	83	0.00
13 T	Acrolein	0.034	0.049	-44.1#	109	0.00
14 T	Allyl chloride	0.653	0.829	-27.0#	90	0.00
15 T	Acrylonitrile	0.107	0.121	-13.1	81	0.00
16 T	Acetone	0.085	0.100	-17.6	83	0.00
17 T	Carbon Disulfide	1.606	1.824	-13.6	83	0.01
18 T	Methyl Acetate	0.225	0.230	-2.2	80	0.00
19 T	Methyl tert-butyl Ether	1.100	1.205	-9.5	77	0.00
20 T	Methylene Chloride	0.579	0.648	-11.9	85	0.00
21 T	trans-1,2-Dichloroethene	0.553	0.651	-17.7	85	0.00
22 T	Diisopropyl ether	1.432	1.836	-28.2#	90	0.00
23 T	Vinyl Acetate	0.849	1.030	-21.3	84	0.00
24 P	1,1-Dichloroethane	0.935	1.136	-21.5	87	0.00
25 T	2-Butanone	0.126	0.144	-14.3	80	0.00
26 T	2,2-Dichloropropane	0.750	0.891	-18.8	85	0.00
27 T	cis-1,2-Dichloroethene	0.631	0.744	-17.9	84	0.00
28 T	Bromochloromethane	0.368	0.435	-18.2	85	0.00
29 T	Tetrahydrofuran	0.080	0.086	-7.5	77	0.00
30 C	Chloroform	0.956	1.121	-17.3#	86	0.00
31 T	Cyclohexane	0.827	0.925	-11.9	82	0.00
32 T	1,1,1-Trichloroethane	0.796	0.921	-15.7	83	0.00
33 S	1,2-Dichloroethane-d4	0.433	0.501	-15.7	81	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
35 S	Dibromofluoromethane	0.308	0.357	-15.9	83	0.00
36 T	1,1-Dichloropropene	0.449	0.505	-12.5	82	0.00
37 T	Ethyl Acetate	0.185	0.196	-5.9	78	0.00
38 T	Carbon Tetrachloride	0.453	0.501	-10.6	81	0.00
39 T	Methylcyclohexane	0.585	0.629	-7.5	76	0.00
40 TM	Benzene	1.405	1.641	-16.8	86	0.00
41 T	Methacrylonitrile	0.116	0.121	-4.3	76	-0.02
42 TM	1,2-Dichloroethane	0.322	0.357	-10.9	82	0.00
43 T	Isopropyl Acetate	0.344	0.361	-4.9	76	0.00
44 TM	Trichloroethene	0.357	0.397	-11.2	82	0.00
45 C	1,2-Dichloropropane	0.323	0.386	-19.5#	88	0.00
46 T	Dibromomethane	0.179	0.191	-6.7	79	0.00
47 T	Bromodichloromethane	0.449	0.512	-14.0	83	0.00
48 T	Methyl methacrylate	0.158	0.172	-8.9	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	67	0.00
50 S	Toluene-d8	1.170	1.400	-19.7	83	0.00
51 T	4-Methyl-2-Pentanone	0.182	0.196	-7.7	77	0.00
52 CM	Toluene	0.862	0.997	-15.7#	84	0.00
53 T	t-1,3-Dichloropropene	0.410	0.460	-12.2	81	0.00
54 T	cis-1,3-Dichloropropene	0.503	0.577	-14.7	83	0.00
55 T	1,1,2-Trichloroethane	0.243	0.260	-7.0	79	0.00
56 T	Ethyl methacrylate	0.317	0.335	-5.7	74	0.00
57 T	1,3-Dichloropropane	0.412	0.450	-9.2	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.165	0.175	-6.1	78	0.00
59 T	2-Hexanone	0.125	0.142	-13.6	79	0.00
60 T	Dibromochloromethane	0.313	0.332	-6.1	77	0.00
61 T	1,2-Dibromoethane	0.227	0.236	-4.0	76	0.00
62 S	4-Bromofluorobenzene	0.363	0.407	-12.1	78	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.00
64 T	Tetrachloroethene	0.358	0.382	-6.7	77	0.00
65 PM	Chlorobenzene	1.096	1.238	-13.0	83	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.409	-13.3	83	0.00
67 C	Ethyl Benzene	1.845	2.174	-17.8#	83	0.00
68 T	m/p-Xylenes	0.709	0.818	-15.4	81	0.00
69 T	o-Xylene	0.662	0.762	-15.1	81	0.00
70 T	Styrene	1.119	1.310	-17.1	81	0.00
71 P	Bromoform	0.209	0.209	0.0	72	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	71	0.00
73 T	Isopropylbenzene	3.643	4.406	-20.9	81	0.00
74 T	N-amyl acetate	0.735	0.831	-13.1	75	0.00
75 P	1,1,2,2-Tetrachloroethane	0.679	0.737	-8.5	76	0.00
76 T	1,2,3-Trichloropropane	0.469	0.485	-3.4	73	0.00
77 T	Bromobenzene	0.882	1.008	-14.3	77	0.00
78 T	n-propylbenzene	4.420	5.464	-23.6	82	0.00
79 T	2-Chlorotoluene	2.474	2.989	-20.8	82	0.00
80 T	1,3,5-Trimethylbenzene	2.889	3.511	-21.5	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.228	0.249	-9.2	74	0.00
82 T	4-Chlorotoluene	2.563	3.032	-18.3	80	0.00
83 T	tert-Butylbenzene	2.639	3.164	-19.9	79	0.00
84 T	1,2,4-Trimethylbenzene	2.877	3.454	-20.1	79	0.00
85 T	sec-Butylbenzene	3.963	4.693	-18.4	78	0.00
86 T	p-Isopropyltoluene	3.257	3.864	-18.6	78	0.00
87 T	1,3-Dichlorobenzene	1.749	1.977	-13.0	77	0.00
88 T	1,4-Dichlorobenzene	1.717	1.910	-11.2	77	0.00
89 T	n-Butylbenzene	3.064	3.660	-19.5	78	0.00
90 T	Hexachloroethane	0.668	0.778	-16.5	80	0.00
91 T	1,2-Dichlorobenzene	1.509	1.664	-10.3	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.087	0.084	3.4	67	0.00
93 T	1,2,4-Trichlorobenzene	0.879	0.896	-1.9	70	0.00
94 T	Hexachlorobutadiene	0.521	0.541	-3.8	71	0.00
95 T	Naphthalene	1.448	1.381	4.6	63	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.737	0.726	1.5	67	0.00

(#) = Out of Range

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