

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018263.D
 Acq On : 14 May 2024 17:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 15 04:17:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 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	0.327	17.6	59	0.00
3 P	Chloromethane	0.531	0.507	4.5	66	0.00
4 C	Vinyl Chloride	0.643	0.584	9.2#	62	0.00
5 T	Bromomethane	0.447	0.414	7.4	67	0.00
6 T	Chloroethane	0.408	0.383	6.1	65	0.00
7 T	Trichlorofluoromethane	0.754	0.637	15.5	59	0.00
8 T	Diethyl Ether	0.248	0.230	7.3	67	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.480	0.403	16.0	59	0.00
10 T	Methyl Iodide	0.561	0.464	17.3	53	0.00
11 T	Tert butyl alcohol	0.037	0.039	-5.4	89	0.00
12 CM	1,1-Dichloroethene	0.484	0.407	15.9#	58	0.00
13 T	Acrolein	0.040	0.042	-5.0	103	0.00
14 T	Allyl chloride	0.615	0.556	9.6	63	0.00
15 T	Acrylonitrile	0.095	0.099	-4.2	77	0.00
16 T	Acetone	0.073	0.071	2.7	71	0.00
17 T	Carbon Disulfide	1.316	1.136	13.7	56	0.00
18 T	Methyl Acetate	0.209	0.201	3.8	76	0.00
19 T	Methyl tert-butyl Ether	1.077	1.015	5.8	70	0.00
20 T	Methylene Chloride	0.519	0.526	-1.3	77	0.00
21 T	trans-1,2-Dichloroethene	0.513	0.442	13.8	59	0.00
22 T	Diisopropyl ether	1.305	1.186	9.1	65	0.00
23 T	Vinyl Acetate	0.793	0.768	3.2	71	0.00
24 P	1,1-Dichloroethane	0.804	0.720	10.4	63	0.00
25 T	2-Butanone	0.117	0.114	2.6	73	0.00
26 T	2,2-Dichloropropane	0.727	0.600	17.5	58	0.00
27 T	cis-1,2-Dichloroethene	0.606	0.538	11.2	62	0.00
28 T	Bromochloromethane	0.321	0.327	-1.9	77	0.00
29 T	Tetrahydrofuran	0.077	0.078	-1.3	78	0.00
30 C	Chloroform	0.839	0.756	9.9#	64	0.00
31 T	Cyclohexane	0.763	0.614	19.5	58	0.00
32 T	1,1,1-Trichloroethane	0.752	0.641	14.8	60	0.00
33 S	1,2-Dichloroethane-d4	0.368	0.371	-0.8	91	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35 S	Dibromofluoromethane	0.263	0.231	12.2	81	0.00
36 T	1,1-Dichloropropene	0.377	0.306	18.8	60	0.00
37 T	Ethyl Acetate	0.159	0.153	3.8	76	0.00
38 T	Carbon Tetrachloride	0.412	0.329	20.1	59	0.00
39 T	Methylcyclohexane	0.543	0.420	22.7	56	0.00
40 TM	Benzene	1.212	1.012	16.5	62	0.00
41 T	Methacrylonitrile	0.092	0.082	10.9	67	-0.01
42 TM	1,2-Dichloroethane	0.264	0.236	10.6	70	0.00
43 T	Isopropyl Acetate	0.325	0.300	7.7	75	0.00
44 TM	Trichloroethene	0.330	0.264	20.0	59	0.00
45 C	1,2-Dichloropropane	0.265	0.221	16.6#	62	0.00
46 T	Dibromomethane	0.152	0.134	11.8	69	0.00
47 T	Bromodichloromethane	0.376	0.324	13.8	65	0.00
48 T	Methyl methacrylate	0.149	0.135	9.4	74	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	74	0.00
50 S	Toluene-d8	1.035	0.916	11.5	81	0.00
51 T	4-Methyl-2-Pentanone	0.163	0.158	3.1	78	0.00
52 CM	Toluene	0.780	0.651	16.5#	63	0.00
53 T	t-1,3-Dichloropropene	0.352	0.298	15.3	65	0.00
54 T	cis-1,3-Dichloropropene	0.430	0.366	14.9	66	0.00
55 T	1,1,2-Trichloroethane	0.209	0.181	13.4	68	0.00
56 T	Ethyl methacrylate	0.284	0.257	9.5	71	0.00
57 T	1,3-Dichloropropane	0.340	0.302	11.2	69	0.00
58 T	2-Chloroethyl Vinyl ether	0.136	0.157	-15.4	106	0.00
59 T	2-Hexanone	0.114	0.106	7.0	73	0.00
60 T	Dibromochloromethane	0.271	0.227	16.2	65	0.00
61 T	1,2-Dibromoethane	0.197	0.173	12.2	70	0.00
62 S	4-Bromofluorobenzene	0.334	0.289	13.5	83	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.333	0.254	23.7	59	0.00
65 PM	Chlorobenzene	1.018	0.800	21.4	62	0.00
66 T	1,1,1,2-Tetrachloroethane	0.329	0.259	21.3	63	0.00
67 C	Ethyl Benzene	1.719	1.363	20.7#	62	0.00
68 T	m/p-Xylenes	0.680	0.530	22.1	61	0.00
69 T	o-Xylene	0.653	0.509	22.1	62	0.00
70 T	Styrene	1.090	0.866	20.6	63	0.00
71 P	Bromoform	0.182	0.147	19.2	66	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.749	2.879	23.2	61	0.00
74 T	N-amyl acetate	0.778	0.682	12.3	75	0.00
75 P	1,1,2,2-Tetrachloroethane	0.598	0.508	15.1	72	0.00
76 T	1,2,3-Trichloropropane	0.400	0.341	14.8	73	0.00
77 T	Bromobenzene	0.861	0.678	21.3	62	0.00
78 T	n-propylbenzene	4.360	3.384	22.4	61	0.00
79 T	2-Chlorotoluene	2.423	1.873	22.7	62	0.00
80 T	1,3,5-Trimethylbenzene	2.956	2.302	22.1	62	0.00
81 T	trans-1,4-Dichloro-2-butene	0.208	0.168	19.2	65	0.00
82 T	4-Chlorotoluene	2.434	1.901	21.9	63	0.00
83 T	tert-Butylbenzene	2.727	2.135	21.7	61	0.00
84 T	1,2,4-Trimethylbenzene	2.896	2.305	20.4	63	0.00
85 T	sec-Butylbenzene	3.999	3.096	22.6	61	0.00
86 T	p-Isopropyltoluene	3.290	2.535	22.9	60	0.00
87 T	1,3-Dichlorobenzene	1.663	1.298	21.9	63	0.00
88 T	1,4-Dichlorobenzene	1.621	1.272	21.5	63	0.00
89 T	n-Butylbenzene	2.978	2.308	22.5	61	0.00
90 T	Hexachloroethane	0.645	0.486	24.7	59	0.00
91 T	1,2-Dichlorobenzene	1.430	1.148	19.7	65	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.081	0.069	14.8	76	0.00
93 T	1,2,4-Trichlorobenzene	0.804	0.631	21.5	63	0.00
94 T	Hexachlorobutadiene	0.443	0.345	22.1	59	0.00
95 T	Naphthalene	1.473	1.283	12.9	72	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	0.660	0.549	16.8	67	0.00

(#) = Out of Range

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