

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016224.D
 Acq On : 03 Nov 2023 21:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 03 23:09:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 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	83	0.01
2 T	Dichlorodifluoromethane	0.319	0.304	4.7	75	0.00
3 P	Chloromethane	0.442	0.422	4.5	80	0.00
4 C	Vinyl Chloride	0.456	0.464	-1.8#	82	0.00
5 T	Bromomethane	0.308	0.328	-6.5	90	0.01
6 T	Chloroethane	0.321	0.330	-2.8	86	0.01
7 T	Trichlorofluoromethane	0.688	0.711	-3.3	84	0.01
8 T	Diethyl Ether	0.228	0.256	-12.3	98	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.433	0.431	0.5	82	0.01
10 T	Methyl Iodide	0.482	0.528	-9.5	92	0.01
11 T	Tert butyl alcohol	0.035	0.037	-5.7	109	0.02
12 CM	1,1-Dichloroethene	0.396	0.397	-0.3#	84	0.01
13 T	Acrolein	0.035	0.028	20.0	83	0.01
14 T	Allyl chloride	0.566	0.651	-15.0	97	0.01
15 T	Acrylonitrile	0.097	0.111	-14.4	102	0.01
16 T	Acetone	0.086	0.078	9.3	94	0.02
17 T	Carbon Disulfide	0.988	0.987	0.1	81	0.02
18 T	Methyl Acetate	0.376	0.449	-19.4	108	0.02
19 T	Methyl tert-butyl Ether	1.125	1.282	-14.0	99	0.02
20 T	Methylene Chloride	0.533	0.532	0.2	96	0.02
21 T	trans-1,2-Dichloroethene	0.461	0.485	-5.2	88	0.02
22 T	Diisopropyl ether	1.369	1.565	-14.3	98	0.01
23 T	Vinyl Acetate	0.672	0.735	-9.4	95	0.02
24 P	1,1-Dichloroethane	0.819	0.912	-11.4	95	0.01
25 T	2-Butanone	0.129	0.138	-7.0	101	0.01
26 T	2,2-Dichloropropane	0.774	0.785	-1.4	84	0.02
27 T	cis-1,2-Dichloroethene	0.542	0.603	-11.3	94	0.01
28 T	Bromochloromethane	0.307	0.349	-13.7	95	0.01
29 T	Tetrahydrofuran	0.081	0.093	-14.8	103	0.01
30 C	Chloroform	0.892	0.993	-11.3#	94	0.01
31 T	Cyclohexane	0.719	0.680	5.4	82	0.01
32 T	1,1,1-Trichloroethane	0.818	0.858	-4.9	87	0.01
33 S	1,2-Dichloroethane-d4	0.468	0.524	-12.0	99	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.01
35 S	Dibromofluoromethane	0.298	0.308	-3.4	97	0.01
36 T	1,1-Dichloropropene	0.430	0.415	3.5	86	0.01
37 T	Ethyl Acetate	0.192	0.203	-5.7	100	0.02
38 T	Carbon Tetrachloride	0.426	0.456	-7.0	92	0.01
39 T	Methylcyclohexane	0.514	0.475	7.6	78	0.01
40 TM	Benzene	1.236	1.260	-1.9	93	0.00
41 T	Methacrylonitrile	0.111	0.126	-13.5	118	0.02
42 TM	1,2-Dichloroethane	0.345	0.365	-5.8	98	0.01
43 T	Isopropyl Acetate	0.379	0.403	-6.3	101	0.00
44 TM	Trichloroethene	0.362	0.359	0.8	89	0.00
45 C	1,2-Dichloropropane	0.297	0.324	-9.1#	97	0.00
46 T	Dibromomethane	0.169	0.176	-4.1	95	0.01
47 T	Bromodichloromethane	0.428	0.464	-8.4	99	0.00
48 T	Methyl methacrylate	0.172	0.178	-3.5	97	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	0.002	0.002	0.0	97	0.00
50 S	Toluene-d8	1.182	1.246	-5.4	96	0.00
51 T	4-Methyl-2-Pentanone	0.189	0.208	-10.1	103	0.00
52 CM	Toluene	0.801	0.822	-2.6#	91	0.00
53 T	t-1,3-Dichloropropene	0.428	0.453	-5.8	97	0.00
54 T	cis-1,3-Dichloropropene	0.502	0.527	-5.0	96	0.01
55 T	1,1,2-Trichloroethane	0.237	0.249	-5.1	97	0.00
56 T	Ethyl methacrylate	0.308	0.335	-8.8	99	0.00
57 T	1,3-Dichloropropane	0.404	0.425	-5.2	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.149	0.158	-6.0	99	0.01
59 T	2-Hexanone	0.130	0.140	-7.7	101	0.00
60 T	Dibromochloromethane	0.298	0.317	-6.4	98	0.00
61 T	1,2-Dibromoethane	0.226	0.236	-4.4	97	0.00
62 S	4-Bromofluorobenzene	0.404	0.415	-2.7	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.445	0.426	4.3	86	0.00
65 PM	Chlorobenzene	0.993	1.016	-2.3	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.368	0.393	-6.8	97	0.00
67 C	Ethyl Benzene	1.777	1.787	-0.6#	89	0.00
68 T	m/p-Xylenes	0.687	0.688	-0.1	89	0.00
69 T	o-Xylene	0.656	0.666	-1.5	91	0.00
70 T	Styrene	1.090	1.124	-3.1	93	0.00
71 P	Bromoform	0.204	0.222	-8.8	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.751	3.685	1.8	88	0.00
74 T	N-amyl acetate	0.815	0.848	-4.0	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.597	0.641	-7.4	104	0.00
76 T	1,2,3-Trichloropropane	0.471	0.431	8.5	77	0.00
77 T	Bromobenzene	0.849	0.860	-1.3	94	0.00
78 T	n-propylbenzene	4.434	4.347	2.0	87	0.00
79 T	2-Chlorotoluene	2.473	2.488	-0.6	91	0.00
80 T	1,3,5-Trimethylbenzene	3.039	2.981	1.9	88	0.00
81 T	trans-1,4-Dichloro-2-butene	0.217	0.230	-6.0	100	0.00
82 T	4-Chlorotoluene	2.540	2.521	0.7	90	0.00
83 T	tert-Butylbenzene	2.719	2.746	-1.0	89	0.00
84 T	1,2,4-Trimethylbenzene	3.007	2.976	1.0	90	0.00
85 T	sec-Butylbenzene	3.991	3.888	2.6	86	0.00
86 T	p-Isopropyltoluene	3.307	3.227	2.4	86	0.00
87 T	1,3-Dichlorobenzene	1.680	1.661	1.1	90	0.00
88 T	1,4-Dichlorobenzene	1.660	1.651	0.5	93	0.00
89 T	n-Butylbenzene	3.039	2.881	5.2	84	0.00
90 T	Hexachloroethane	0.570	0.614	-7.7	96	0.00
91 T	1,2-Dichlorobenzene	1.451	1.486	-2.4	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.107	0.098	8.4	89	0.00
93 T	1,2,4-Trichlorobenzene	0.896	0.842	6.0	85	0.00
94 T	Hexachlorobutadiene	0.489	0.451	7.8	83	0.00
95 T	Naphthalene	1.740	1.635	6.0	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.765	0.716	6.4	87	0.00

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