

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016217.D
 Acq On : 03 Nov 2023 17:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 03 23:04:50 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	89	0.00
2 T	Dichlorodifluoromethane	0.319	0.325	-1.9	87	0.00
3 P	Chloromethane	0.442	0.418	5.4	86	0.00
4 C	Vinyl Chloride	0.456	0.476	-4.4#	91	0.00
5 T	Bromomethane	0.308	0.323	-4.9	96	0.00
6 T	Chloroethane	0.321	0.329	-2.5	92	0.00
7 T	Trichlorofluoromethane	0.688	0.741	-7.7	94	0.00
8 T	Diethyl Ether	0.228	0.254	-11.4	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.433	0.451	-4.2	92	0.00
10 T	Methyl Iodide	0.482	0.514	-6.6	96	0.00
11 T	Tert butyl alcohol	0.035	0.040	-14.3	127	0.01
12 CM	1,1-Dichloroethene	0.396	0.410	-3.5#	94	0.00
13 T	Acrolein	0.035	0.039	-11.4	126	0.00
14 T	Allyl chloride	0.566	0.643	-13.6	103	0.00
15 T	Acrylonitrile	0.097	0.111	-14.4	111	0.00
16 T	Acetone	0.086	0.081	5.8	105	0.00
17 T	Carbon Disulfide	0.988	1.010	-2.2	89	0.00
18 T	Methyl Acetate	0.376	0.439	-16.8	114	0.00
19 T	Methyl tert-butyl Ether	1.125	1.276	-13.4	107	0.00
20 T	Methylene Chloride	0.533	0.510	4.3	99	0.00
21 T	trans-1,2-Dichloroethene	0.461	0.487	-5.6	95	0.00
22 T	Diisopropyl ether	1.369	1.538	-12.3	104	0.00
23 T	Vinyl Acetate	0.672	0.757	-12.6	106	0.00
24 P	1,1-Dichloroethane	0.819	0.890	-8.7	100	0.00
25 T	2-Butanone	0.129	0.143	-10.9	113	0.00
26 T	2,2-Dichloropropane	0.774	0.824	-6.5	95	0.00
27 T	cis-1,2-Dichloroethene	0.542	0.593	-9.4	100	0.00
28 T	Bromochloromethane	0.307	0.331	-7.8	98	0.00
29 T	Tetrahydrofuran	0.081	0.096	-18.5	114	0.00
30 C	Chloroform	0.892	0.981	-10.0#	101	0.00
31 T	Cyclohexane	0.719	0.720	-0.1	93	0.00
32 T	1,1,1-Trichloroethane	0.818	0.868	-6.1	96	0.00
33 S	1,2-Dichloroethane-d4	0.468	0.480	-2.6	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.298	0.282	5.4	94	0.00
36 T	1,1-Dichloropropene	0.430	0.432	-0.5	95	0.00
37 T	Ethyl Acetate	0.192	0.210	-9.4	110	0.00
38 T	Carbon Tetrachloride	0.426	0.469	-10.1	100	0.00
39 T	Methylcyclohexane	0.514	0.524	-1.9	92	0.00
40 TM	Benzene	1.236	1.271	-2.8	99	0.00
41 T	Methacrylonitrile	0.111	0.109	1.8	108	0.00
42 TM	1,2-Dichloroethane	0.345	0.363	-5.2	103	0.00
43 T	Isopropyl Acetate	0.379	0.417	-10.0	111	0.00
44 TM	Trichloroethene	0.362	0.369	-1.9	96	0.00
45 C	1,2-Dichloropropane	0.297	0.321	-8.1#	102	0.00
46 T	Dibromomethane	0.169	0.180	-6.5	103	0.00
47 T	Bromodichloromethane	0.428	0.468	-9.3	105	0.00
48 T	Methyl methacrylate	0.172	0.186	-8.1	107	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	105	0.00
50 S	Toluene-d8	1.182	1.155	2.3	94	0.00
51 T	4-Methyl-2-Pentanone	0.189	0.215	-13.8	113	0.00
52 CM	Toluene	0.801	0.834	-4.1#	98	0.00
53 T	t-1,3-Dichloropropene	0.428	0.467	-9.1	106	0.00
54 T	cis-1,3-Dichloropropene	0.502	0.533	-6.2	103	0.00
55 T	1,1,2-Trichloroethane	0.237	0.254	-7.2	105	0.00
56 T	Ethyl methacrylate	0.308	0.347	-12.7	109	0.00
57 T	1,3-Dichloropropane	0.404	0.428	-5.9	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.149	0.157	-5.4	105	0.00
59 T	2-Hexanone	0.130	0.148	-13.8	114	0.00
60 T	Dibromochloromethane	0.298	0.322	-8.1	105	0.00
61 T	1,2-Dibromoethane	0.226	0.242	-7.1	105	0.00
62 S	4-Bromofluorobenzene	0.404	0.390	3.5	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.445	0.425	4.5	90	0.00
65 PM	Chlorobenzene	0.993	1.027	-3.4	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.368	0.398	-8.2	103	0.00
67 C	Ethyl Benzene	1.777	1.852	-4.2#	97	0.00
68 T	m/p-Xylenes	0.687	0.714	-3.9	97	0.00
69 T	o-Xylene	0.656	0.686	-4.6	99	0.00
70 T	Styrene	1.090	1.149	-5.4	99	0.00
71 P	Bromoform	0.204	0.226	-10.8	109	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	3.751	3.871	-3.2	97	0.00
74 T	N-amyl acetate	0.815	0.901	-10.6	107	0.00
75 P	1,1,2,2-Tetrachloroethane	0.597	0.657	-10.1	113	0.00
76 T	1,2,3-Trichloropropane	0.471	0.521	-10.6	98	0.00
77 T	Bromobenzene	0.849	0.888	-4.6	102	0.00
78 T	n-propylbenzene	4.434	4.535	-2.3	95	0.00
79 T	2-Chlorotoluene	2.473	2.545	-2.9	98	0.00
80 T	1,3,5-Trimethylbenzene	3.039	3.123	-2.8	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.217	0.241	-11.1	111	0.00
82 T	4-Chlorotoluene	2.540	2.578	-1.5	97	0.00
83 T	tert-Butylbenzene	2.719	2.792	-2.7	95	0.00
84 T	1,2,4-Trimethylbenzene	3.007	3.081	-2.5	98	0.00
85 T	sec-Butylbenzene	3.991	4.138	-3.7	97	0.00
86 T	p-Isopropyltoluene	3.307	3.388	-2.4	95	0.00
87 T	1,3-Dichlorobenzene	1.680	1.723	-2.6	98	0.00
88 T	1,4-Dichlorobenzene	1.660	1.690	-1.8	100	0.00
89 T	n-Butylbenzene	3.039	3.138	-3.3	96	0.00
90 T	Hexachloroethane	0.570	0.644	-13.0	105	0.00
91 T	1,2-Dichlorobenzene	1.451	1.526	-5.2	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.107	0.103	3.7	98	0.00
93 T	1,2,4-Trichlorobenzene	0.896	0.904	-0.9	96	0.00
94 T	Hexachlorobutadiene	0.489	0.497	-1.6	96	0.00
95 T	Naphthalene	1.740	1.740	0.0	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.765	0.763	0.3	97	0.00

(#) = Out of Range

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