

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011807.D
 Acq On : 13 Dec 2022 20:20
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 13 22:20:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 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	0.273	0.210	23.1	90	0.00
3 P	Chloromethane	0.306	0.257	16.0	87	0.00
4 C	Vinyl Chloride	0.358	0.307	14.2#	87	0.00
5 T	Bromomethane	0.247	0.223	9.7	93	0.00
6 T	Chloroethane	0.248	0.219	11.7	87	0.00
7 T	Trichlorofluoromethane	0.687	0.610	11.2	88	0.00
8 T	Diethyl Ether	0.241	0.221	8.3	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.410	0.368	10.2	87	0.00
10 T	Methyl Iodide	0.480	0.436	9.2	83	0.00
11 T	Tert butyl alcohol	0.061	0.048	21.3	106	0.00
12 CM	1,1-Dichloroethene	0.370	0.335	9.5#	87	0.00
13 T	Acrolein	0.070	0.060	14.3	83	0.00
14 T	Allyl chloride	0.615	0.572	7.0	88	0.00
15 T	Acrylonitrile	0.129	0.128	0.8	96	0.00
16 T	Acetone	0.137	0.116	15.3	83	0.00
17 T	Carbon Disulfide	0.845	0.711	15.9	83	0.00
18 T	Methyl Acetate	0.386	0.304	21.2	95	0.00
19 T	Methyl tert-butyl Ether	1.159	1.154	0.4	94	0.00
20 T	Methylene Chloride	0.626	0.504	19.5	97	0.00
21 T	trans-1,2-Dichloroethene	0.416	0.380	8.7	88	0.00
22 T	Diisopropyl ether	1.341	1.325	1.2	90	0.00
23 T	Vinyl Acetate	0.765	0.810	-5.9	93	0.00
24 P	1,1-Dichloroethane	0.815	0.764	6.3	89	0.00
25 T	2-Butanone	0.176	0.166	5.7	93	0.00
26 T	2,2-Dichloropropane	0.767	0.714	6.9	89	0.00
27 T	cis-1,2-Dichloroethene	0.508	0.486	4.3	90	0.00
28 T	Bromochloromethane	0.297	0.291	2.0	92	0.00
29 T	Tetrahydrofuran	0.100	0.101	-1.0	99	0.00
30 C	Chloroform	0.871	0.842	3.3#	91	0.00
31 T	Cyclohexane	0.653	0.561	14.1	86	0.00
32 T	1,1,1-Trichloroethane	0.777	0.738	5.0	89	0.00
33 S	1,2-Dichloroethane-d4	0.406	0.343	15.5	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.252	0.229	9.1	97	0.00
36 T	1,1-Dichloropropene	0.379	0.356	6.1	89	0.00
37 T	Ethyl Acetate	0.222	0.223	-0.5	96	0.00
38 T	Carbon Tetrachloride	0.446	0.429	3.8	90	0.00
39 T	Methylcyclohexane	0.427	0.399	6.6	87	0.00
40 TM	Benzene	1.134	1.074	5.3	90	0.00
41 T	Methacrylonitrile	0.112	0.120	-7.1	98	0.00
42 TM	1,2-Dichloroethane	0.351	0.339	3.4	93	0.00
43 T	Isopropyl Acetate	0.402	0.401	0.2	96	0.00
44 TM	Trichloroethene	0.317	0.299	5.7	91	0.00
45 C	1,2-Dichloropropane	0.293	0.281	4.1#	90	0.00
46 T	Dibromomethane	0.164	0.161	1.8	95	0.00
47 T	Bromodichloromethane	0.424	0.418	1.4	92	0.00
48 T	Methyl methacrylate	0.177	0.180	-1.7	95	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	100	0.00
50 S	Toluene-d8	0.885	0.719	18.8	95	0.00
51 T	4-Methyl-2-Pentanone	0.222	0.231	-4.1	98	0.00
52 CM	Toluene	0.721	0.700	2.9#	91	0.00
53 T	t-1,3-Dichloropropene	0.424	0.416	1.9	93	0.00
54 T	cis-1,3-Dichloropropene	0.476	0.458	3.8	90	0.00
55 T	1,1,2-Trichloroethane	0.243	0.245	-0.8	97	0.00
56 T	Ethyl methacrylate	0.313	0.326	-4.2	95	0.00
57 T	1,3-Dichloropropane	0.405	0.402	0.7	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.145	0.150	-3.4	96	0.00
59 T	2-Hexanone	0.158	0.163	-3.2	96	0.00
60 T	Dibromochloromethane	0.304	0.301	1.0	95	0.00
61 T	1,2-Dibromoethane	0.220	0.218	0.9	95	0.00
62 S	4-Bromofluorobenzene	0.340	0.302	11.2	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.354	0.336	5.1	92	0.00
65 PM	Chlorobenzene	0.901	0.857	4.9	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.350	0.344	1.7	93	0.00
67 C	Ethyl Benzene	1.587	1.536	3.2#	91	0.00
68 T	m/p-Xylenes	0.608	0.588	3.3	91	0.00
69 T	o-Xylene	0.579	0.571	1.4	93	0.00
70 T	Styrene	0.989	0.984	0.5	92	0.00
71 P	Bromoform	0.216	0.219	-1.4	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.240	3.145	2.9	92	0.00
74 T	N-amyl acetate	0.779	0.769	1.3	95	0.00
75 P	1,1,2,2-Tetrachloroethane	0.631	0.615	2.5	97	0.00
76 T	1,2,3-Trichloropropane	0.506	0.507	-0.2	99	0.00
77 T	Bromobenzene	0.756	0.734	2.9	94	0.00
78 T	n-propylbenzene	3.882	3.733	3.8	92	0.00
79 T	2-Chlorotoluene	2.216	2.124	4.2	93	0.00
80 T	1,3,5-Trimethylbenzene	2.738	2.657	3.0	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.223	0.217	2.7	95	0.00
82 T	4-Chlorotoluene	2.298	2.160	6.0	92	0.00
83 T	tert-Butylbenzene	2.384	2.348	1.5	92	0.00
84 T	1,2,4-Trimethylbenzene	2.696	2.625	2.6	93	0.00
85 T	sec-Butylbenzene	3.551	3.441	3.1	92	0.00
86 T	p-Isopropyltoluene	2.955	2.897	2.0	93	0.00
87 T	1,3-Dichlorobenzene	1.522	1.445	5.1	93	0.00
88 T	1,4-Dichlorobenzene	1.513	1.442	4.7	95	0.00
89 T	n-Butylbenzene	2.687	2.625	2.3	93	0.00
90 T	Hexachloroethane	0.587	0.561	4.4	95	0.00
91 T	1,2-Dichlorobenzene	1.370	1.313	4.2	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.110	0.109	0.9	101	0.00
93 T	1,2,4-Trichlorobenzene	0.799	0.782	2.1	95	0.00
94 T	Hexachlorobutadiene	0.508	0.475	6.5	93	0.00
95 T	Naphthalene	1.547	1.615	-4.4	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.690	0.680	1.4	95	0.00

(#) = Out of Range

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