

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015282.D
 Acq On : 23 Aug 2023 06:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 23 06:45:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 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	63	0.01
2 T	Dichlorodifluoromethane	0.253	0.194	23.3	56	0.01
3 P	Chloromethane	0.347	0.309	11.0	64	0.00
4 C	Vinyl Chloride	0.398	0.372	6.5#	62	0.00
5 T	Bromomethane	0.291	0.306	-5.2	66	0.01
6 T	Chloroethane	0.289	0.307	-6.2	67	0.01
7 T	Trichlorofluoromethane	0.670	0.642	4.2	63	0.01
8 T	Diethyl Ether	0.263	0.297	-12.9	73	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.417	0.403	3.4	63	0.02
10 T	Methyl Iodide	0.409	0.427	-4.4	62	0.02
11 T	Tert butyl alcohol	0.116	0.094	19.0	60	0.04
12 CM	1,1-Dichloroethene	0.348	0.341	2.0#	63	0.02
13 T	Acrolein	0.056	0.021	62.5#	37#	0.01
14 T	Allyl chloride	0.617	0.640	-3.7	65	0.01
15 T	Acrylonitrile	0.178	0.223	-25.3#	79	0.02
16 T	Acetone	0.196	0.176	10.2	55	0.02
17 T	Carbon Disulfide	0.612	0.553	9.6	56	0.02
18 T	Methyl Acetate	0.719	1.066	-48.3#	93	0.02
19 T	Methyl tert-butyl Ether	1.479	1.686	-14.0	72	0.02
20 T	Methylene Chloride	0.570	0.634	-11.2	83	0.01
21 T	trans-1,2-Dichloroethene	0.392	0.405	-3.3	66	0.02
22 T	Diisopropyl ether	1.539	1.757	-14.2	72	0.02
23 T	Vinyl Acetate	0.918	0.942	-2.6	64	0.02
24 P	1,1-Dichloroethane	0.833	0.916	-10.0	70	0.02
25 T	2-Butanone	0.278	0.310	-11.5	70	0.02
26 T	2,2-Dichloropropane	0.803	0.649	19.2	54	0.02
27 T	cis-1,2-Dichloroethene	0.536	0.592	-10.4	71	0.02
28 T	Bromochloromethane	0.383	0.434	-13.3	73	0.01
29 T	Tetrahydrofuran	0.166	0.201	-21.1	76	0.02
30 C	Chloroform	0.934	1.037	-11.0#	71	0.01
31 T	Cyclohexane	0.597	0.532	10.9	61	0.02
32 T	1,1,1-Trichloroethane	0.795	0.828	-4.2	67	0.01
33 S	1,2-Dichloroethane-d4	0.600	0.704	-17.3	73	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	67	0.01
35 S	Dibromofluoromethane	0.322	0.351	-9.0	71	0.01
36 T	1,1-Dichloropropene	0.356	0.337	5.3	64	0.01
37 T	Ethyl Acetate	0.332	0.356	-7.2	74	0.02
38 T	Carbon Tetrachloride	0.421	0.390	7.4	63	0.01
39 T	Methylcyclohexane	0.399	0.356	10.8	61	0.01
40 TM	Benzene	1.076	1.106	-2.8	70	0.01
41 T	Methacrylonitrile	0.171	0.190	-11.1	70	0.01
42 TM	1,2-Dichloroethane	0.391	0.416	-6.4	72	0.01
43 T	Isopropyl Acetate	0.604	0.645	-6.8	72	0.01
44 TM	Trichloroethene	0.310	0.310	0.0	68	0.01
45 C	1,2-Dichloropropane	0.303	0.321	-5.9#	72	0.01
46 T	Dibromomethane	0.191	0.207	-8.4	72	0.01
47 T	Bromodichloromethane	0.457	0.492	-7.7	72	0.00
48 T	Methyl methacrylate	0.258	0.304	-17.8	77	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	72	0.02
50 S	Toluene-d8	1.197	1.251	-4.5	69	0.00
51 T	4-Methyl-2-Pentanone	0.350	0.413	-18.0	78	0.00
52 CM	Toluene	0.709	0.717	-1.1#	68	0.01
53 T	t-1,3-Dichloropropene	0.480	0.471	1.9	66	0.00
54 T	cis-1,3-Dichloropropene	0.505	0.496	1.8	66	0.01
55 T	1,1,2-Trichloroethane	0.291	0.320	-10.0	75	0.00
56 T	Ethyl methacrylate	0.426	0.463	-8.7	71	0.00
57 T	1,3-Dichloropropane	0.475	0.525	-10.5	74	0.00
58 T	2-Chloroethyl Vinyl ether	0.198	0.230	-16.2	80	0.01
59 T	2-Hexanone	0.259	0.295	-13.9	75	0.00
60 T	Dibromochloromethane	0.347	0.379	-9.2	73	0.00
61 T	1,2-Dibromoethane	0.276	0.297	-7.6	73	0.00
62 S	4-Bromofluorobenzene	0.437	0.454	-3.9	69	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	68	0.00
64 T	Tetrachloroethene	0.348	0.386	-10.9	77	0.01
65 PM	Chlorobenzene	0.911	0.914	-0.3	69	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.384	-3.8	72	0.00
67 C	Ethyl Benzene	1.596	1.565	1.9#	68	0.01
68 T	m/p-Xylenes	0.606	0.588	3.0	67	0.01
69 T	o-Xylene	0.604	0.603	0.2	69	0.00
70 T	Styrene	1.045	1.066	-2.0	70	0.00
71 P	Bromoform	0.268	0.283	-5.6	73	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	67	0.00
73 T	Isopropylbenzene	3.215	3.152	2.0	68	0.00
74 T	N-amyl acetate	1.161	1.198	-3.2	69	0.00
75 P	1,1,2,2-Tetrachloroethane	0.837	0.927	-10.8	75	0.00
76 T	1,2,3-Trichloropropane	0.607	0.680	-12.0	78	0.00
77 T	Bromobenzene	0.784	0.801	-2.2	71	0.00
78 T	n-propylbenzene	3.818	3.667	4.0	67	0.00
79 T	2-Chlorotoluene	2.203	2.201	0.1	69	0.00
80 T	1,3,5-Trimethylbenzene	2.680	2.606	2.8	67	0.00
81 T	trans-1,4-Dichloro-2-butene	0.277	0.255	7.9	61	0.00
82 T	4-Chlorotoluene	2.275	2.224	2.2	67	0.00
83 T	tert-Butylbenzene	2.451	2.386	2.7	67	0.00
84 T	1,2,4-Trimethylbenzene	2.678	2.621	2.1	67	0.00
85 T	sec-Butylbenzene	3.592	3.475	3.3	67	0.00
86 T	p-Isopropyltoluene	2.978	2.830	5.0	65	0.00
87 T	1,3-Dichlorobenzene	1.554	1.536	1.2	68	0.00
88 T	1,4-Dichlorobenzene	1.559	1.529	1.9	67	0.00
89 T	n-Butylbenzene	2.808	2.539	9.6	62	0.00
90 T	Hexachloroethane	0.591	0.572	3.2	67	0.00
91 T	1,2-Dichlorobenzene	1.452	1.476	-1.7	70	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.162	0.180	-11.1	75	0.00
93 T	1,2,4-Trichlorobenzene	0.932	0.876	6.0	64	0.00
94 T	Hexachlorobutadiene	0.507	0.457	9.9	63	0.00
95 T	Naphthalene	2.322	2.452	-5.6	73	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.842	0.845	-0.4	69	0.00

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