

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015356.D
 Acq On : 25 Aug 2023 20:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 25 23:48:22 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	65	0.00
2 T	Dichlorodifluoromethane	0.253	0.189	25.3#	57	0.00
3 P	Chloromethane	0.347	0.274	21.0	58	0.00
4 C	Vinyl Chloride	0.398	0.348	12.6#	59	0.00
5 T	Bromomethane	0.291	0.321	-10.3	71	0.00
6 T	Chloroethane	0.289	0.289	0.0	65	0.00
7 T	Trichlorofluoromethane	0.670	0.666	0.6	67	0.00
8 T	Diethyl Ether	0.263	0.280	-6.5	71	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.417	0.417	0.0	67	0.00
10 T	Methyl Iodide	0.409	0.328	19.8	49#	0.00
11 T	Tert butyl alcohol	0.116	0.127	-9.5	84	0.00
12 CM	1,1-Dichloroethene	0.348	0.332	4.6#	63	0.00
13 T	Acrolein	0.056	0.025	55.4#	45#	0.00
14 T	Allyl chloride	0.617	0.588	4.7	62	0.00
15 T	Acrylonitrile	0.178	0.211	-18.5	77	0.00
16 T	Acetone	0.196	0.194	1.0	62	0.00
17 T	Carbon Disulfide	0.612	0.475	22.4	49#	0.00
18 T	Methyl Acetate	0.719	0.853	-18.6	77	0.00
19 T	Methyl tert-butyl Ether	1.479	1.638	-10.8	72	0.00
20 T	Methylene Chloride	0.570	0.651	-14.2	88	0.00
21 T	trans-1,2-Dichloroethene	0.392	0.380	3.1	64	0.00
22 T	Diisopropyl ether	1.539	1.648	-7.1	70	0.00
23 T	Vinyl Acetate	0.918	0.942	-2.6	66	0.00
24 P	1,1-Dichloroethane	0.833	0.879	-5.5	69	0.00
25 T	2-Butanone	0.278	0.311	-11.9	73	0.00
26 T	2,2-Dichloropropane	0.803	0.717	10.7	61	0.00
27 T	cis-1,2-Dichloroethene	0.536	0.562	-4.9	69	0.00
28 T	Bromochloromethane	0.383	0.399	-4.2	69	0.00
29 T	Tetrahydrofuran	0.166	0.192	-15.7	75	0.00
30 C	Chloroform	0.934	1.028	-10.1#	73	0.00
31 T	Cyclohexane	0.597	0.511	14.4	60	0.00
32 T	1,1,1-Trichloroethane	0.795	0.837	-5.3	69	0.00
33 S	1,2-Dichloroethane-d4	0.600	0.769	-28.2#	82	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	66	0.00
35 S	Dibromofluoromethane	0.322	0.399	-23.9	80	0.00
36 T	1,1-Dichloropropene	0.356	0.345	3.1	65	0.00
37 T	Ethyl Acetate	0.332	0.358	-7.8	74	0.00
38 T	Carbon Tetrachloride	0.421	0.414	1.7	67	0.00
39 T	Methylcyclohexane	0.399	0.360	9.8	61	0.00
40 TM	Benzene	1.076	1.086	-0.9	68	0.00
41 T	Methacrylonitrile	0.171	0.172	-0.6	63	0.00
42 TM	1,2-Dichloroethane	0.391	0.424	-8.4	73	0.00
43 T	Isopropyl Acetate	0.604	0.648	-7.3	72	0.00
44 TM	Trichloroethene	0.310	0.320	-3.2	70	0.00
45 C	1,2-Dichloropropane	0.303	0.315	-4.0#	70	0.00
46 T	Dibromomethane	0.191	0.207	-8.4	71	0.00
47 T	Bromodichloromethane	0.457	0.503	-10.1	73	0.00
48 T	Methyl methacrylate	0.258	0.292	-13.2	74	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	77	0.00
50 S	Toluene-d8	1.197	1.398	-16.8	76	0.00
51 T	4-Methyl-2-Pentanone	0.350	0.410	-17.1	77	0.00
52 CM	Toluene	0.709	0.720	-1.6#	68	0.00
53 T	t-1,3-Dichloropropene	0.480	0.485	-1.0	67	0.00
54 T	cis-1,3-Dichloropropene	0.505	0.514	-1.8	68	0.00
55 T	1,1,2-Trichloroethane	0.291	0.319	-9.6	74	0.00
56 T	Ethyl methacrylate	0.426	0.466	-9.4	71	0.00
57 T	1,3-Dichloropropane	0.475	0.522	-9.9	74	0.00
58 T	2-Chloroethyl Vinyl ether	0.198	0.210	-6.1	73	0.00
59 T	2-Hexanone	0.259	0.301	-16.2	76	0.00
60 T	Dibromochloromethane	0.347	0.385	-11.0	73	0.00
61 T	1,2-Dibromoethane	0.276	0.296	-7.2	72	0.00
62 S	4-Bromofluorobenzene	0.437	0.524	-19.9	79	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	68	0.00
64 T	Tetrachloroethene	0.348	0.392	-12.6	78	0.00
65 PM	Chlorobenzene	0.911	0.922	-1.2	70	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.397	-7.3	74	0.00
67 C	Ethyl Benzene	1.596	1.564	2.0#	68	0.00
68 T	m/p-Xylenes	0.606	0.595	1.8	68	0.00
69 T	o-Xylene	0.604	0.603	0.2	69	0.00
70 T	Styrene	1.045	1.070	-2.4	70	0.00
71 P	Bromoform	0.268	0.286	-6.7	73	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	71	0.00
73 T	Isopropylbenzene	3.215	3.049	5.2	69	0.00
74 T	N-amyl acetate	1.161	1.140	1.8	69	0.00
75 P	1,1,2,2-Tetrachloroethane	0.837	0.864	-3.2	74	0.00
76 T	1,2,3-Trichloropropane	0.607	0.681	-12.2	83	0.00
77 T	Bromobenzene	0.784	0.767	2.2	72	0.00
78 T	n-propylbenzene	3.818	3.627	5.0	70	0.00
79 T	2-Chlorotoluene	2.203	2.138	3.0	71	0.00
80 T	1,3,5-Trimethylbenzene	2.680	2.591	3.3	70	0.00
81 T	trans-1,4-Dichloro-2-butene	0.277	0.254	8.3	64	0.00
82 T	4-Chlorotoluene	2.275	2.240	1.5	71	0.00
83 T	tert-Butylbenzene	2.451	2.349	4.2	70	0.00
84 T	1,2,4-Trimethylbenzene	2.678	2.612	2.5	70	0.00
85 T	sec-Butylbenzene	3.592	3.495	2.7	71	0.00
86 T	p-Isopropyltoluene	2.978	2.909	2.3	70	0.00
87 T	1,3-Dichlorobenzene	1.554	1.534	1.3	72	0.00
88 T	1,4-Dichlorobenzene	1.559	1.530	1.9	71	0.00
89 T	n-Butylbenzene	2.808	2.698	3.9	69	0.00
90 T	Hexachloroethane	0.591	0.554	6.3	69	0.00
91 T	1,2-Dichlorobenzene	1.452	1.476	-1.7	73	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.162	0.170	-4.9	75	0.00
93 T	1,2,4-Trichlorobenzene	0.932	0.916	1.7	71	0.00
94 T	Hexachlorobutadiene	0.507	0.488	3.7	71	0.00
95 T	Naphthalene	2.322	2.435	-4.9	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.842	0.860	-2.1	74	0.00

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