

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015209.D
 Acq On : 18 Aug 2023 20:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 18 23:03:18 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	90	0.00
2 T	Dichlorodifluoromethane	0.253	0.190	24.9	79	0.00
3 P	Chloromethane	0.347	0.280	19.3	83	0.00
4 C	Vinyl Chloride	0.398	0.343	13.8#	81	0.00
5 T	Bromomethane	0.291	0.286	1.7	88	0.00
6 T	Chloroethane	0.289	0.270	6.6	85	0.00
7 T	Trichlorofluoromethane	0.670	0.610	9.0	86	0.00
8 T	Diethyl Ether	0.263	0.256	2.7	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.417	0.377	9.6	85	0.00
10 T	Methyl Iodide	0.409	0.390	4.6	81	0.00
11 T	Tert butyl alcohol	0.116	0.109	6.0	101	0.00
12 CM	1,1-Dichloroethene	0.348	0.320	8.0#	85	0.00
13 T	Acrolein	0.056	0.032	42.9#	81	0.00
14 T	Allyl chloride	0.617	0.571	7.5	84	0.00
15 T	Acrylonitrile	0.178	0.188	-5.6	96	0.00
16 T	Acetone	0.196	0.173	11.7	77	0.00
17 T	Carbon Disulfide	0.612	0.517	15.5	75	0.00
18 T	Methyl Acetate	0.719	0.860	-19.6	108	0.00
19 T	Methyl tert-butyl Ether	1.479	1.489	-0.7	91	0.00
20 T	Methylene Chloride	0.570	0.617	-8.2	116	0.00
21 T	trans-1,2-Dichloroethene	0.392	0.369	5.9	86	0.00
22 T	Diisopropyl ether	1.539	1.457	5.3	86	0.00
23 T	Vinyl Acetate	0.918	0.829	9.7	81	0.00
24 P	1,1-Dichloroethane	0.833	0.805	3.4	88	0.00
25 T	2-Butanone	0.278	0.277	0.4	90	0.00
26 T	2,2-Dichloropropane	0.803	0.653	18.7	77	0.00
27 T	cis-1,2-Dichloroethene	0.536	0.523	2.4	90	0.00
28 T	Bromochloromethane	0.383	0.366	4.4	89	0.00
29 T	Tetrahydrofuran	0.166	0.172	-3.6	94	0.00
30 C	Chloroform	0.934	0.903	3.3#	89	0.00
31 T	Cyclohexane	0.597	0.482	19.3	79	0.00
32 T	1,1,1-Trichloroethane	0.795	0.766	3.6	89	0.00
33 S	1,2-Dichloroethane-d4	0.600	0.639	-6.5	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.322	0.342	-6.2	95	0.00
36 T	1,1-Dichloropropene	0.356	0.320	10.1	83	0.00
37 T	Ethyl Acetate	0.332	0.324	2.4	92	0.00
38 T	Carbon Tetrachloride	0.421	0.383	9.0	85	0.00
39 T	Methylcyclohexane	0.399	0.352	11.8	82	0.00
40 TM	Benzene	1.076	1.009	6.2	87	0.00
41 T	Methacrylonitrile	0.171	0.187	-9.4	95	0.01
42 TM	1,2-Dichloroethane	0.391	0.381	2.6	89	0.00
43 T	Isopropyl Acetate	0.604	0.584	3.3	89	0.00
44 TM	Trichloroethene	0.310	0.299	3.5	90	0.00
45 C	1,2-Dichloropropane	0.303	0.289	4.6#	88	0.00
46 T	Dibromomethane	0.191	0.191	0.0	90	0.00
47 T	Bromodichloromethane	0.457	0.444	2.8	89	0.00
48 T	Methyl methacrylate	0.258	0.259	-0.4	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	93	0.00
50 S	Toluene-d8	1.197	1.223	-2.2	92	0.00
51 T	4-Methyl-2-Pentanone	0.350	0.362	-3.4	94	0.00
52 CM	Toluene	0.709	0.673	5.1#	88	0.00
53 T	t-1,3-Dichloropropene	0.480	0.443	7.7	84	0.00
54 T	cis-1,3-Dichloropropene	0.505	0.463	8.3	84	0.00
55 T	1,1,2-Trichloroethane	0.291	0.284	2.4	90	0.00
56 T	Ethyl methacrylate	0.426	0.415	2.6	87	0.00
57 T	1,3-Dichloropropane	0.475	0.465	2.1	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.198	0.188	5.1	89	0.00
59 T	2-Hexanone	0.259	0.266	-2.7	93	0.00
60 T	Dibromochloromethane	0.347	0.345	0.6	90	0.00
61 T	1,2-Dibromoethane	0.276	0.272	1.4	90	0.00
62 S	4-Bromofluorobenzene	0.437	0.460	-5.3	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.348	0.369	-6.0	99	0.00
65 PM	Chlorobenzene	0.911	0.861	5.5	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.361	2.4	90	0.00
67 C	Ethyl Benzene	1.596	1.482	7.1#	87	0.00
68 T	m/p-Xylenes	0.606	0.566	6.6	87	0.00
69 T	o-Xylene	0.604	0.576	4.6	89	0.00
70 T	Styrene	1.045	1.000	4.3	88	0.00
71 P	Bromoform	0.268	0.270	-0.7	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.215	2.998	6.7	88	0.00
74 T	N-amyl acetate	1.161	1.087	6.4	85	0.00
75 P	1,1,2,2-Tetrachloroethane	0.837	0.820	2.0	90	0.00
76 T	1,2,3-Trichloropropane	0.607	0.650	-7.1	102	0.00
77 T	Bromobenzene	0.784	0.749	4.5	91	0.00
78 T	n-propylbenzene	3.818	3.523	7.7	88	0.00
79 T	2-Chlorotoluene	2.203	2.080	5.6	89	0.00
80 T	1,3,5-Trimethylbenzene	2.680	2.563	4.4	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.277	0.250	9.7	81	0.00
82 T	4-Chlorotoluene	2.275	2.174	4.4	89	0.00
83 T	tert-Butylbenzene	2.451	2.297	6.3	88	0.00
84 T	1,2,4-Trimethylbenzene	2.678	2.619	2.2	91	0.00
85 T	sec-Butylbenzene	3.592	3.369	6.2	88	0.00
86 T	p-Isopropyltoluene	2.978	2.785	6.5	87	0.00
87 T	1,3-Dichlorobenzene	1.554	1.479	4.8	89	0.00
88 T	1,4-Dichlorobenzene	1.559	1.482	4.9	89	0.00
89 T	n-Butylbenzene	2.808	2.554	9.0	85	0.00
90 T	Hexachloroethane	0.591	0.552	6.6	89	0.00
91 T	1,2-Dichlorobenzene	1.452	1.420	2.2	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.162	0.175	-8.0	100	0.00
93 T	1,2,4-Trichlorobenzene	0.932	0.891	4.4	89	0.00
94 T	Hexachlorobutadiene	0.507	0.477	5.9	90	0.00
95 T	Naphthalene	2.322	2.430	-4.7	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.842	0.839	0.4	94	0.00

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