

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090523\
 Data File : VY015440.D
 Acq On : 05 Sep 2023 19:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 06 01:47:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 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	116	0.00
2 T	Dichlorodifluoromethane	0.435	0.387	11.0	98	0.00
3 P	Chloromethane	0.577	0.547	5.2	103	0.00
4 C	Vinyl Chloride	0.672	0.623	7.3#	101	0.00
5 T	Bromomethane	0.478	0.468	2.1	108	-0.01
6 T	Chloroethane	0.442	0.420	5.0	105	0.00
7 T	Trichlorofluoromethane	0.950	0.858	9.7	100	0.00
8 T	Diethyl Ether	0.325	0.335	-3.1	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.527	0.483	8.3	101	-0.01
10 T	Methyl Iodide	0.619	0.590	4.7	98	0.00
11 T	Tert butyl alcohol	0.124	0.111	10.5	108	0.00
12 CM	1,1-Dichloroethene	0.497	0.471	5.2#	105	0.00
13 T	Acrolein	0.126	0.142	-12.7	93	0.00
14 T	Allyl chloride	0.791	0.791	0.0	108	0.00
15 T	Acrylonitrile	0.204	0.226	-10.8	114	-0.01
16 T	Acetone	0.224	0.191	14.7	80	0.00
17 T	Carbon Disulfide	1.486	1.364	8.2	100	0.00
18 T	Methyl Acetate	0.810	0.922	-13.8	117	0.00
19 T	Methyl tert-butyl Ether	1.615	1.709	-5.8	112	0.00
20 T	Methylene Chloride	0.892	0.686	23.1	109	0.00
21 T	trans-1,2-Dichloroethene	0.572	0.555	3.0	106	0.00
22 T	Diisopropyl ether	1.731	1.775	-2.5	112	0.00
23 T	Vinyl Acetate	1.093	1.129	-3.3	109	0.00
24 P	1,1-Dichloroethane	1.001	0.987	1.4	110	0.00
25 T	2-Butanone	0.317	0.337	-6.3	104	0.00
26 T	2,2-Dichloropropane	0.850	0.802	5.6	105	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.661	-1.8	111	0.00
28 T	Bromochloromethane	0.307	0.285	7.2	106	0.00
29 T	Tetrahydrofuran	0.199	0.225	-13.1	115	0.00
30 C	Chloroform	1.052	1.062	-1.0#	112	0.00
31 T	Cyclohexane	0.952	0.846	11.1	103	0.00
32 T	1,1,1-Trichloroethane	0.939	0.917	2.3	107	0.00
33 S	1,2-Dichloroethane-d4	0.536	0.498	7.1	107	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	118	0.00
35 S	Dibromofluoromethane	0.288	0.268	6.9	107	0.00
36 T	1,1-Dichloropropene	0.506	0.473	6.5	107	0.00
37 T	Ethyl Acetate	0.390	0.419	-7.4	114	0.00
38 T	Carbon Tetrachloride	0.522	0.493	5.6	107	0.00
39 T	Methylcyclohexane	0.637	0.577	9.4	102	0.00
40 TM	Benzene	1.411	1.391	1.4	111	0.00
41 T	Methacrylonitrile	0.183	0.213	-16.4	122	0.00
42 TM	1,2-Dichloroethane	0.470	0.470	0.0	110	0.00
43 T	Isopropyl Acetate	0.674	0.732	-8.6	115	0.00
44 TM	Trichloroethene	0.399	0.388	2.8	111	0.00
45 C	1,2-Dichloropropane	0.356	0.355	0.3#	111	0.00
46 T	Dibromomethane	0.236	0.241	-2.1	113	0.00
47 T	Bromodichloromethane	0.505	0.512	-1.4	112	0.00
48 T	Methyl methacrylate	0.309	0.324	-4.9	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.005	-25.0	118	0.00
50 S	Toluene-d8	1.043	0.941	9.8	107	0.00
51 T	4-Methyl-2-Pentanone	0.392	0.440	-12.2	117	0.00
52 CM	Toluene	0.904	0.895	1.0#	110	0.00
53 T	t-1,3-Dichloropropene	0.537	0.554	-3.2	111	0.00
54 T	cis-1,3-Dichloropropene	0.584	0.579	0.9	109	0.00
55 T	1,1,2-Trichloroethane	0.318	0.331	-4.1	115	0.00
56 T	Ethyl methacrylate	0.472	0.514	-8.9	115	0.00
57 T	1,3-Dichloropropane	0.548	0.566	-3.3	114	0.00
58 T	2-Chloroethyl Vinyl ether	0.168	0.165	1.8	112	0.00
59 T	2-Hexanone	0.294	0.327	-11.2	113	0.00
60 T	Dibromochloromethane	0.373	0.396	-6.2	116	0.00
61 T	1,2-Dibromoethane	0.323	0.340	-5.3	115	0.00
62 S	4-Bromofluorobenzene	0.387	0.370	4.4	112	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	120	0.00
64 T	Tetrachloroethene	0.454	0.477	-5.1	121	0.00
65 PM	Chlorobenzene	1.077	1.045	3.0	113	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.392	0.5	115	0.00
67 C	Ethyl Benzene	1.935	1.850	4.4#	111	0.00
68 T	m/p-Xylenes	0.750	0.717	4.4	111	0.00
69 T	o-Xylene	0.717	0.697	2.8	112	0.00
70 T	Styrene	1.205	1.205	0.0	113	0.00
71 P	Bromoform	0.275	0.293	-6.5	114	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	119	0.00
73 T	Isopropylbenzene	3.756	3.513	6.5	109	0.00
74 T	N-amyl acetate	1.262	1.358	-7.6	115	0.00
75 P	1,1,2,2-Tetrachloroethane	0.897	0.893	0.4	112	0.00
76 T	1,2,3-Trichloropropane	0.663	0.665	-0.3	111	0.00
77 T	Bromobenzene	0.890	0.870	2.2	114	0.00
78 T	n-propylbenzene	4.544	4.273	6.0	108	0.00
79 T	2-Chlorotoluene	2.549	2.446	4.0	111	0.00
80 T	1,3,5-Trimethylbenzene	3.141	2.981	5.1	109	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.299	0.7	110	0.00
82 T	4-Chlorotoluene	2.649	2.556	3.5	111	0.00
83 T	tert-Butylbenzene	2.751	2.585	6.0	108	0.00
84 T	1,2,4-Trimethylbenzene	3.119	3.015	3.3	111	0.00
85 T	sec-Butylbenzene	4.104	3.846	6.3	108	0.00
86 T	p-Isopropyltoluene	3.440	3.274	4.8	109	0.00
87 T	1,3-Dichlorobenzene	1.756	1.701	3.1	112	0.00
88 T	1,4-Dichlorobenzene	1.775	1.712	3.5	112	0.00
89 T	n-Butylbenzene	3.237	3.078	4.9	109	0.00
90 T	Hexachloroethane	0.615	0.597	2.9	112	0.00
91 T	1,2-Dichlorobenzene	1.603	1.584	1.2	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.177	0.190	-7.3	116	0.00
93 T	1,2,4-Trichlorobenzene	1.006	1.029	-2.3	115	0.00
94 T	Hexachlorobutadiene	0.549	0.529	3.6	115	0.00
95 T	Naphthalene	2.493	2.741	-9.9	118	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	0.945	-2.9	117	0.00

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