

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016776.D
 Acq On : 21 Dec 2023 23:34
 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: Dec 22 00:47:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 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	88	0.02
2 T	Dichlorodifluoromethane	0.427	0.360	15.7	90	0.00
3 P	Chloromethane	0.657	0.637	3.0	103	0.00
4 C	Vinyl Chloride	0.742	0.715	3.6#	97	0.00
5 T	Bromomethane	0.528	0.539	-2.1	109	0.01
6 T	Chloroethane	0.503	0.493	2.0	101	0.00
7 T	Trichlorofluoromethane	0.864	0.804	6.9	94	0.01
8 T	Diethyl Ether	0.276	0.283	-2.5	101	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.530	0.501	5.5	95	0.02
10 T	Methyl Iodide	0.552	0.545	1.3	94	0.02
11 T	Tert butyl alcohol	0.037	0.033	10.8	88	0.03
12 CM	1,1-Dichloroethene	0.472	0.465	1.5#	97	0.01
13 T	Acrolein	0.029	0.025	13.8	72	0.02
14 T	Allyl chloride	0.723	0.769	-6.4	103	0.02
15 T	Acrylonitrile	0.117	0.124	-6.0	98	0.02
16 T	Acetone	0.123	0.100	18.7	90	0.02
17 T	Carbon Disulfide	1.284	1.305	-1.6	97	0.02
18 T	Methyl Acetate	0.482	0.575	-19.3	101	0.01
19 T	Methyl tert-butyl Ether	1.215	1.268	-4.4	101	0.02
20 T	Methylene Chloride	0.723	0.629	13.0	105	0.02
21 T	trans-1,2-Dichloroethene	0.538	0.565	-5.0	102	0.02
22 T	Diisopropyl ether	1.636	1.819	-11.2	107	0.02
23 T	Vinyl Acetate	0.774	0.763	1.4	95	0.02
24 P	1,1-Dichloroethane	0.983	1.055	-7.3	105	0.02
25 T	2-Butanone	0.170	0.155	8.8	94	0.02
26 T	2,2-Dichloropropane	0.857	0.825	3.7	97	0.02
27 T	cis-1,2-Dichloroethene	0.620	0.665	-7.3	104	0.02
28 T	Bromochloromethane	0.389	0.423	-8.7	87	0.01
29 T	Tetrahydrofuran	0.093	0.101	-8.6	98	0.02
30 C	Chloroform	1.006	1.079	-7.3#	106	0.02
31 T	Cyclohexane	0.875	0.823	5.9	96	0.01
32 T	1,1,1-Trichloroethane	0.883	0.900	-1.9	102	0.02
33 S	1,2-Dichloroethane-d4	0.456	0.503	-10.3	85	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.01
35 S	Dibromofluoromethane	0.286	0.301	-5.2	85	0.02
36 T	1,1-Dichloropropene	0.459	0.444	3.3	100	0.02
37 T	Ethyl Acetate	0.197	0.192	2.5	95	0.02
38 T	Carbon Tetrachloride	0.454	0.429	5.5	99	0.01
39 T	Methylcyclohexane	0.530	0.509	4.0	97	0.02
40 TM	Benzene	1.336	1.368	-2.4	105	0.01
41 T	Methacrylonitrile	0.104	0.104	0.0	88	0.02
42 TM	1,2-Dichloroethane	0.349	0.361	-3.4	104	0.01
43 T	Isopropyl Acetate	0.382	0.377	1.3	99	0.02
44 TM	Trichloroethene	0.341	0.339	0.6	103	0.02
45 C	1,2-Dichloropropane	0.335	0.341	-1.8#	105	0.01
46 T	Dibromomethane	0.173	0.177	-2.3	104	0.02
47 T	Bromodichloromethane	0.456	0.467	-2.4	106	0.01
48 T	Methyl methacrylate	0.212	0.210	0.9	96	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	104	0.01
50 S	Toluene-d8	1.032	1.106	-7.2	86	0.01
51 T	4-Methyl-2-Pentanone	0.204	0.208	-2.0	99	0.01
52 CM	Toluene	0.801	0.829	-3.5#	104	0.02
53 T	t-1,3-Dichloropropene	0.416	0.425	-2.2	101	0.02
54 T	cis-1,3-Dichloropropene	0.502	0.516	-2.8	103	0.01
55 T	1,1,2-Trichloroethane	0.247	0.250	-1.2	103	0.01
56 T	Ethyl methacrylate	0.217	0.228	-5.1	101	0.01
57 T	1,3-Dichloropropane	0.420	0.430	-2.4	103	0.01
58 T	2-Chloroethyl Vinyl ether	0.117	0.138	-17.9	81	0.02
59 T	2-Hexanone	0.152	0.139	8.6	94	0.01
60 T	Dibromochloromethane	0.286	0.291	-1.7	104	0.01
61 T	1,2-Dibromoethane	0.222	0.227	-2.3	103	0.01
62 S	4-Bromofluorobenzene	0.335	0.353	-5.4	85	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.01
64 T	Tetrachloroethene	0.311	0.307	1.3	105	0.02
65 PM	Chlorobenzene	0.982	0.991	-0.9	106	0.01
66 T	1,1,1,2-Tetrachloroethane	0.370	0.372	-0.5	106	0.01
67 C	Ethyl Benzene	1.808	1.825	-0.9#	105	0.01
68 T	m/p-Xylenes	0.668	0.681	-1.9	105	0.01
69 T	o-Xylene	0.613	0.638	-4.1	106	0.01
70 T	Styrene	0.906	0.942	-4.0	105	0.01
71 P	Bromoform	0.184	0.186	-1.1	103	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.01
73 T	Isopropylbenzene	3.894	4.006	-2.9	105	0.01
74 T	N-amyl acetate	0.817	0.823	-0.7	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.778	0.764	1.8	102	0.00
76 T	1,2,3-Trichloropropane	0.553	0.541	2.2	113	0.01
77 T	Bromobenzene	0.850	0.858	-0.9	104	0.01
78 T	n-propylbenzene	4.718	4.817	-2.1	103	0.01
79 T	2-Chlorotoluene	2.611	2.664	-2.0	104	0.01
80 T	1,3,5-Trimethylbenzene	3.082	3.201	-3.9	104	0.01
81 T	trans-1,4-Dichloro-2-butene	0.235	0.223	5.1	98	0.01
82 T	4-Chlorotoluene	2.678	2.743	-2.4	105	0.01
83 T	tert-Butylbenzene	2.681	2.756	-2.8	103	0.00
84 T	1,2,4-Trimethylbenzene	3.040	3.168	-4.2	104	0.01
85 T	sec-Butylbenzene	3.971	4.029	-1.5	103	0.00
86 T	p-Isopropyltoluene	3.307	3.360	-1.6	102	0.00
87 T	1,3-Dichlorobenzene	1.660	1.665	-0.3	105	0.01
88 T	1,4-Dichlorobenzene	1.621	1.612	0.6	103	0.01
89 T	n-Butylbenzene	3.162	3.251	-2.8	102	0.01
90 T	Hexachloroethane	0.689	0.696	-1.0	107	0.00
91 T	1,2-Dichlorobenzene	1.414	1.448	-2.4	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.097	4.0	100	0.00
93 T	1,2,4-Trichlorobenzene	0.750	0.752	-0.3	100	0.00
94 T	Hexachlorobutadiene	0.426	0.418	1.9	100	0.00
95 T	Naphthalene	1.420	1.454	-2.4	99	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.639	0.637	0.3	97	0.00

(#) = Out of Range

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