

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050423\
 Data File : VY013593.D
 Acq On : 04 May 2023 11:52
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 05 00:58:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 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	101	0.00
2 T	Dichlorodifluoromethane	0.475	0.484	-1.9	100	0.00
3 P	Chloromethane	0.637	0.571	10.4	92	0.00
4 C	Vinyl Chloride	0.634	0.561	11.5#	91	0.00
5 T	Bromomethane	0.506	0.409	19.2	87	0.00
6 T	Chloroethane	0.438	0.358	18.3	87	0.00
7 T	Trichlorofluoromethane	0.961	0.936	2.6	99	0.00
8 T	Diethyl Ether	0.327	0.301	8.0	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.505	6.3	97	0.01
10 T	Methyl Iodide	0.677	0.622	8.1	85	0.00
11 T	Tert butyl alcohol	0.066	0.052	21.2	91	0.00
12 CM	1,1-Dichloroethene	0.520	0.473	9.0#	91	0.00
13 T	Acrolein	0.054	0.039	27.8#	87	0.00
14 T	Allyl chloride	0.964	0.877	9.0	90	0.00
15 T	Acrylonitrile	0.183	0.173	5.5	92	0.00
16 T	Acetone	0.216	0.214	0.9	91	0.00
17 T	Carbon Disulfide	1.688	1.413	16.3	82	0.00
18 T	Methyl Acetate	0.713	0.635	10.9	88	0.00
19 T	Methyl tert-butyl Ether	1.500	1.433	4.5	93	0.00
20 T	Methylene Chloride	0.924	0.628	32.0#	95	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.532	6.3	92	0.00
22 T	Diisopropyl ether	1.885	1.830	2.9	96	0.00
23 T	Vinyl Acetate	1.067	1.119	-4.9	100	0.00
24 P	1,1-Dichloroethane	1.050	1.003	4.5	96	0.00
25 T	2-Butanone	0.274	0.259	5.5	90	0.00
26 T	2,2-Dichloropropane	0.905	0.897	0.9	99	0.00
27 T	cis-1,2-Dichloroethene	0.628	0.610	2.9	97	0.00
28 T	Bromochloromethane	0.373	0.363	2.7	99	0.00
29 T	Tetrahydrofuran	0.170	0.151	11.2	86	0.00
30 C	Chloroform	1.044	1.052	-0.8#	102	0.00
31 T	Cyclohexane	0.981	0.840	14.4	90	0.00
32 T	1,1,1-Trichloroethane	0.932	0.936	-0.4	100	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.545	0.5	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.314	0.326	-3.8	108	0.00
36 T	1,1-Dichloropropene	0.522	0.507	2.9	96	0.00
37 T	Ethyl Acetate	0.393	0.355	9.7	85	0.00
38 T	Carbon Tetrachloride	0.547	0.567	-3.7	101	0.00
39 T	Methylcyclohexane	0.615	0.579	5.9	91	0.00
40 TM	Benzene	1.470	1.455	1.0	96	0.00
41 T	Methacrylonitrile	0.183	0.197	-7.7	102	0.00
42 TM	1,2-Dichloroethane	0.481	0.497	-3.3	100	0.00
43 T	Isopropyl Acetate	0.663	0.619	6.6	89	0.00
44 TM	Trichloroethene	0.391	0.386	1.3	96	0.00
45 C	1,2-Dichloropropane	0.384	0.380	1.0#	96	0.00
46 T	Dibromomethane	0.230	0.228	0.9	96	0.00
47 T	Bromodichloromethane	0.515	0.538	-4.5	101	0.00
48 T	Methyl methacrylate	0.304	0.288	5.3	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	90	0.00
50 S	Toluene-d8	1.119	1.100	1.7	103	0.00
51 T	4-Methyl-2-Pentanone	0.369	0.353	4.3	89	0.00
52 CM	Toluene	0.885	0.900	-1.7#	98	0.00
53 T	t-1,3-Dichloropropene	0.545	0.560	-2.8	97	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.613	0.0	96	0.00
55 T	1,1,2-Trichloroethane	0.305	0.307	-0.7	98	0.00
56 T	Ethyl methacrylate	0.423	0.432	-2.1	94	0.00
57 T	1,3-Dichloropropane	0.516	0.520	-0.8	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.158	0.156	1.3	103	0.00
59 T	2-Hexanone	0.269	0.266	1.1	90	0.00
60 T	Dibromochloromethane	0.370	0.384	-3.8	98	0.00
61 T	1,2-Dibromoethane	0.299	0.295	1.3	94	0.00
62 S	4-Bromofluorobenzene	0.377	0.395	-4.8	110	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.380	0.375	1.3	99	0.00
65 PM	Chlorobenzene	1.089	1.090	-0.1	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.428	-5.2	106	0.00
67 C	Ethyl Benzene	1.913	1.949	-1.9#	100	0.00
68 T	m/p-Xylenes	0.727	0.743	-2.2	101	0.00
69 T	o-Xylene	0.688	0.705	-2.5	100	0.00
70 T	Styrene	1.150	1.204	-4.7	102	0.00
71 P	Bromoform	0.285	0.297	-4.2	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.782	3.738	1.2	102	0.00
74 T	N-amyl acetate	1.346	1.226	8.9	90	0.00
75 P	1,1,2,2-Tetrachloroethane	0.924	0.862	6.7	97	0.00
76 T	1,2,3-Trichloropropane	0.674	0.680	-0.9	103	0.00
77 T	Bromobenzene	0.916	0.943	-2.9	107	0.00
78 T	n-propylbenzene	4.658	4.600	1.2	102	0.00
79 T	2-Chlorotoluene	2.601	2.569	1.2	103	0.00
80 T	1,3,5-Trimethylbenzene	3.087	3.095	-0.3	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.330	0.304	7.9	92	0.00
82 T	4-Chlorotoluene	2.711	2.663	1.8	102	0.00
83 T	tert-Butylbenzene	2.674	2.661	0.5	102	0.00
84 T	1,2,4-Trimethylbenzene	3.001	3.099	-3.3	105	0.00
85 T	sec-Butylbenzene	4.014	3.978	0.9	103	0.00
86 T	p-Isopropyltoluene	3.228	3.342	-3.5	107	0.00
87 T	1,3-Dichlorobenzene	1.746	1.767	-1.2	106	0.00
88 T	1,4-Dichlorobenzene	1.764	1.769	-0.3	107	0.00
89 T	n-Butylbenzene	3.150	3.185	-1.1	105	0.00
90 T	Hexachloroethane	0.679	0.661	2.7	104	0.00
91 T	1,2-Dichlorobenzene	1.577	1.604	-1.7	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.154	5.5	100	0.00
93 T	1,2,4-Trichlorobenzene	0.940	1.031	-9.7	116	0.00
94 T	Hexachlorobutadiene	0.547	0.631	-15.4	125	0.00
95 T	Naphthalene	2.039	2.133	-4.6	106	0.00

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96 T	1,2,3-Trichlorobenzene	0.838	0.935	-11.6	116	0.00

(#) = Out of Range

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