

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016093.D
 Acq On : 26 Oct 2023 21:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 27 08:56:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 26 13:59:06 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	87	0.00
2 T	Dichlorodifluoromethane	0.345	0.351	-1.7	88	0.00
3 P	Chloromethane	0.423	0.449	-6.1	91	0.00
4 C	Vinyl Chloride	0.483	0.495	-2.5#	88	0.00
5 T	Bromomethane	0.359	0.374	-4.2	92	0.00
6 T	Chloroethane	0.331	0.341	-3.0	88	0.00
7 T	Trichlorofluoromethane	0.773	0.762	1.4	86	0.00
8 T	Diethyl Ether	0.259	0.279	-7.7	92	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.466	0.450	3.4	85	0.00
10 T	Methyl Iodide	0.596	0.605	-1.5	84	0.01
11 T	Tert butyl alcohol	0.066	0.047	28.8#	88	0.01
12 CM	1,1-Dichloroethene	0.427	0.421	1.4#	84	0.01
13 T	Acrolein	0.062	0.059	4.8	88	0.01
14 T	Allyl chloride	0.668	0.689	-3.1	88	0.01
15 T	Acrylonitrile	0.127	0.146	-15.0	98	0.01
16 T	Acetone	0.135	0.102	24.4	67	0.00
17 T	Carbon Disulfide	1.182	1.169	1.1	86	0.00
18 T	Methyl Acetate	0.476	0.596	-25.2#	106	0.01
19 T	Methyl tert-butyl Ether	1.218	1.346	-10.5	93	0.00
20 T	Methylene Chloride	0.629	0.650	-3.3	105	0.00
21 T	trans-1,2-Dichloroethene	0.495	0.502	-1.4	87	0.00
22 T	Diisopropyl ether	1.460	1.588	-8.8	91	0.00
23 T	Vinyl Acetate	0.782	0.821	-5.0	88	0.01
24 P	1,1-Dichloroethane	0.880	0.913	-3.8	89	0.00
25 T	2-Butanone	0.182	0.184	-1.1	89	0.00
26 T	2,2-Dichloropropane	0.818	0.755	7.7	82	0.00
27 T	cis-1,2-Dichloroethene	0.582	0.610	-4.8	91	0.01
28 T	Bromochloromethane	0.360	0.406	-12.8	95	0.01
29 T	Tetrahydrofuran	0.104	0.124	-19.2	99	0.01
30 C	Chloroform	0.929	0.985	-6.0#	91	0.00
31 T	Cyclohexane	0.782	0.729	6.8	84	0.00
32 T	1,1,1-Trichloroethane	0.834	0.852	-2.2	89	0.00
33 S	1,2-Dichloroethane-d4	0.497	0.552	-11.1	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.316	0.336	-6.3	94	0.01
36 T	1,1-Dichloropropene	0.440	0.424	3.6	86	0.00
37 T	Ethyl Acetate	0.226	0.247	-9.3	96	0.01
38 T	Carbon Tetrachloride	0.465	0.453	2.6	86	0.00
39 T	Methylcyclohexane	0.536	0.514	4.1	84	0.00
40 TM	Benzene	1.246	1.265	-1.5	89	0.00
41 T	Methacrylonitrile	0.118	0.144	-22.0	107	0.00
42 TM	1,2-Dichloroethane	0.360	0.378	-5.0	92	0.01
43 T	Isopropyl Acetate	0.422	0.466	-10.4	96	0.00
44 TM	Trichloroethene	0.348	0.351	-0.9	89	0.00
45 C	1,2-Dichloropropane	0.315	0.328	-4.1#	90	0.00
46 T	Dibromomethane	0.185	0.200	-8.1	95	0.00
47 T	Bromodichloromethane	0.447	0.472	-5.6	92	0.00
48 T	Methyl methacrylate	0.194	0.212	-9.3	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	100	0.00
50 S	Toluene-d8	1.169	1.263	-8.0	94	0.00
51 T	4-Methyl-2-Pentanone	0.222	0.258	-16.2	99	0.00
52 CM	Toluene	0.800	0.817	-2.1#	88	0.00
53 T	t-1,3-Dichloropropene	0.457	0.492	-7.7	93	0.00
54 T	cis-1,3-Dichloropropene	0.517	0.548	-6.0	91	0.00
55 T	1,1,2-Trichloroethane	0.263	0.290	-10.3	97	0.00
56 T	Ethyl methacrylate	0.338	0.389	-15.1	97	0.00
57 T	1,3-Dichloropropane	0.439	0.481	-9.6	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.168	0.194	-15.5	100	0.00
59 T	2-Hexanone	0.164	0.185	-12.8	97	0.00
60 T	Dibromochloromethane	0.322	0.348	-8.1	94	0.00
61 T	1,2-Dibromoethane	0.252	0.281	-11.5	97	0.00
62 S	4-Bromofluorobenzene	0.401	0.447	-11.5	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.331	0.362	-9.4	102	0.00
65 PM	Chlorobenzene	0.983	0.974	0.9	91	0.00
66 T	1,1,1,2-Tetrachloroethane	0.367	0.376	-2.5	91	0.00
67 C	Ethyl Benzene	1.745	1.718	1.5#	89	0.00
68 T	m/p-Xylenes	0.675	0.664	1.6	89	0.00
69 T	o-Xylene	0.647	0.649	-0.3	90	0.00
70 T	Styrene	1.078	1.117	-3.6	92	0.00
71 P	Bromoform	0.224	0.241	-7.6	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	3.519	3.377	4.0	89	0.00
74 T	N-amyl acetate	0.858	0.922	-7.5	97	0.00
75 P	1,1,2,2-Tetrachloroethane	0.719	0.758	-5.4	99	0.00
76 T	1,2,3-Trichloropropane	0.510	0.933	-82.9#	176#	0.00
77 T	Bromobenzene	0.821	0.820	0.1	93	0.00
78 T	n-propylbenzene	4.261	4.082	4.2	89	0.00
79 T	2-Chlorotoluene	2.386	2.319	2.8	91	0.01
80 T	1,3,5-Trimethylbenzene	2.922	2.846	2.6	90	0.00
81 T	trans-1,4-Dichloro-2-butene	0.235	0.246	-4.7	98	0.00
82 T	4-Chlorotoluene	2.475	2.387	3.6	90	0.00
83 T	tert-Butylbenzene	2.597	2.537	2.3	90	0.00
84 T	1,2,4-Trimethylbenzene	2.885	2.820	2.3	90	0.00
85 T	sec-Butylbenzene	3.868	3.691	4.6	89	0.00
86 T	p-Isopropyltoluene	3.227	3.081	4.5	88	0.00
87 T	1,3-Dichlorobenzene	1.658	1.617	2.5	91	0.00
88 T	1,4-Dichlorobenzene	1.639	1.612	1.6	93	0.00
89 T	n-Butylbenzene	3.011	2.919	3.1	90	0.00
90 T	Hexachloroethane	0.628	0.601	4.3	89	0.00
91 T	1,2-Dichlorobenzene	1.468	1.481	-0.9	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.113	0.124	-9.7	104	0.00
93 T	1,2,4-Trichlorobenzene	0.908	0.929	-2.3	94	0.00
94 T	Hexachlorobutadiene	0.527	0.512	2.8	91	0.00
95 T	Naphthalene	1.771	2.031	-14.7	103	0.00

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96 T	1,2,3-Trichlorobenzene	0.783	0.819	-4.6	96	0.00

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