

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016402.D
 Acq On : 16 Nov 2023 19:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 17 07:44:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 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	89	0.00
2 T	Dichlorodifluoromethane	0.490	0.431	12.0	84	0.00
3 P	Chloromethane	0.573	0.513	10.5	85	0.00
4 C	Vinyl Chloride	0.617	0.549	11.0#	83	0.00
5 T	Bromomethane	0.405	0.367	9.4	85	0.00
6 T	Chloroethane	0.393	0.366	6.9	87	0.00
7 T	Trichlorofluoromethane	0.897	0.853	4.9	85	0.00
8 T	Diethyl Ether	0.268	0.285	-6.3	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.540	0.512	5.2	88	-0.01
10 T	Methyl Iodide	0.584	0.582	0.3	87	0.00
11 T	Tert butyl alcohol	0.036	0.039	-8.3	100	-0.02
12 CM	1,1-Dichloroethene	0.505	0.483	4.4#	88	0.00
13 T	Acrolein	0.043	0.048	-11.6	97	-0.01
14 T	Allyl chloride	0.717	0.693	3.3	86	-0.01
15 T	Acrylonitrile	0.106	0.120	-13.2	98	-0.01
16 T	Acetone	0.076	0.081	-6.6	100	-0.01
17 T	Carbon Disulfide	1.525	1.373	10.0	82	0.00
18 T	Methyl Acetate	0.402	0.493	-22.6	108	0.00
19 T	Methyl tert-butyl Ether	1.223	1.335	-9.2	96	0.00
20 T	Methylene Chloride	0.610	0.621	-1.8	100	0.00
21 T	trans-1,2-Dichloroethene	0.582	0.569	2.2	90	0.00
22 T	Diisopropyl ether	1.545	1.558	-0.8	89	-0.01
23 T	Vinyl Acetate	0.749	0.758	-1.2	87	0.00
24 P	1,1-Dichloroethane	0.953	0.955	-0.2	90	-0.01
25 T	2-Butanone	0.132	0.145	-9.8	98	-0.01
26 T	2,2-Dichloropropane	0.868	0.851	2.0	88	-0.01
27 T	cis-1,2-Dichloroethene	0.627	0.652	-4.0	94	-0.01
28 T	Bromochloromethane	0.353	0.365	-3.4	93	0.00
29 T	Tetrahydrofuran	0.088	0.100	-13.6	98	0.00
30 C	Chloroform	0.992	1.033	-4.1#	94	0.00
31 T	Cyclohexane	0.900	0.779	13.4	82	0.00
32 T	1,1,1-Trichloroethane	0.910	0.925	-1.6	92	0.00
33 S	1,2-Dichloroethane-d4	0.457	0.487	-6.6	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.284	0.306	-7.7	100	-0.01
36 T	1,1-Dichloropropene	0.493	0.466	5.5	87	0.00
37 T	Ethyl Acetate	0.199	0.203	-2.0	93	0.00
38 T	Carbon Tetrachloride	0.512	0.511	0.2	92	-0.01
39 T	Methylcyclohexane	0.615	0.553	10.1	82	0.00
40 TM	Benzene	1.386	1.364	1.6	90	0.00
41 T	Methacrylonitrile	0.100	0.278	-178.0#	261#	0.02
42 TM	1,2-Dichloroethane	0.359	0.378	-5.3	95	0.00
43 T	Isopropyl Acetate	0.385	0.396	-2.9	92	0.00
44 TM	Trichloroethene	0.398	0.399	-0.3	93	0.00
45 C	1,2-Dichloropropane	0.333	0.333	0.0	90	0.00
46 T	Dibromomethane	0.180	0.193	-7.2	96	-0.01
47 T	Bromodichloromethane	0.464	0.485	-4.5	95	0.00
48 T	Methyl methacrylate	0.213	0.219	-2.8	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	97	0.00
50 S	Toluene-d8	1.152	1.162	-0.9	94	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.210	-7.7	96	0.00
52 CM	Toluene	0.876	0.869	0.8#	91	0.00
53 T	t-1,3-Dichloropropene	0.449	0.474	-5.6	94	0.00
54 T	cis-1,3-Dichloropropene	0.537	0.556	-3.5	93	0.00
55 T	1,1,2-Trichloroethane	0.249	0.270	-8.4	98	0.00
56 T	Ethyl methacrylate	0.235	0.259	-10.2	95	0.00
57 T	1,3-Dichloropropane	0.424	0.455	-7.3	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.178	-11.9	93	0.00
59 T	2-Hexanone	0.145	0.146	-0.7	95	0.00
60 T	Dibromochloromethane	0.311	0.344	-10.6	98	0.00
61 T	1,2-Dibromoethane	0.237	0.258	-8.9	97	0.00
62 S	4-Bromofluorobenzene	0.374	0.396	-5.9	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.449	0.458	-2.0	96	0.00
65 PM	Chlorobenzene	1.068	1.055	1.2	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.406	-3.0	97	0.00
67 C	Ethyl Benzene	1.920	1.876	2.3#	91	0.00
68 T	m/p-Xylenes	0.728	0.707	2.9	91	0.00
69 T	o-Xylene	0.676	0.669	1.0	90	0.00
70 T	Styrene	0.968	0.993	-2.6	94	0.00
71 P	Bromoform	0.204	0.228	-11.8	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	4.049	3.884	4.1	92	0.00
74 T	N-amyl acetate	0.813	0.805	1.0	91	0.00
75 P	1,1,2,2-Tetrachloroethane	0.650	0.661	-1.7	97	0.00
76 T	1,2,3-Trichloropropane	0.480	0.896	-86.7#	191#	0.00
77 T	Bromobenzene	0.915	0.916	-0.1	95	0.00
78 T	n-propylbenzene	4.785	4.500	6.0	90	0.00
79 T	2-Chlorotoluene	2.637	2.518	4.5	91	0.00
80 T	1,3,5-Trimethylbenzene	3.264	3.187	2.4	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.221	0.226	-2.3	98	0.00
82 T	4-Chlorotoluene	2.725	2.610	4.2	92	0.00
83 T	tert-Butylbenzene	2.875	2.776	3.4	92	0.00
84 T	1,2,4-Trimethylbenzene	3.214	3.134	2.5	93	0.00
85 T	sec-Butylbenzene	4.108	3.910	4.8	91	0.00
86 T	p-Isopropyltoluene	3.537	3.408	3.6	91	0.00
87 T	1,3-Dichlorobenzene	1.761	1.730	1.8	96	0.00
88 T	1,4-Dichlorobenzene	1.721	1.687	2.0	95	0.00
89 T	n-Butylbenzene	3.267	3.069	6.1	88	0.00
90 T	Hexachloroethane	0.682	0.645	5.4	91	0.00
91 T	1,2-Dichlorobenzene	1.509	1.502	0.5	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.105	-1.9	102	0.00
93 T	1,2,4-Trichlorobenzene	0.881	0.880	0.1	96	0.00
94 T	Hexachlorobutadiene	0.504	0.490	2.8	95	0.00
95 T	Naphthalene	1.575	1.653	-5.0	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.728	0.724	0.5	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 5