

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016334.D
 Acq On : 13 Nov 2023 19:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 14 04:40:07 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	98	0.00
2 T	Dichlorodifluoromethane	0.490	0.426	13.1	92	0.00
3 P	Chloromethane	0.573	0.514	10.3	94	0.00
4 C	Vinyl Chloride	0.617	0.545	11.7#	91	0.00
5 T	Bromomethane	0.405	0.364	10.1	93	0.00
6 T	Chloroethane	0.393	0.360	8.4	95	0.00
7 T	Trichlorofluoromethane	0.897	0.847	5.6	94	0.00
8 T	Diethyl Ether	0.268	0.286	-6.7	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.540	0.502	7.0	95	0.00
10 T	Methyl Iodide	0.584	0.573	1.9	95	0.00
11 T	Tert butyl alcohol	0.036	0.037	-2.8	104	0.00
12 CM	1,1-Dichloroethene	0.505	0.486	3.8#	97	0.00
13 T	Acrolein	0.043	0.040	7.0	89	0.00
14 T	Allyl chloride	0.717	0.715	0.3	97	0.00
15 T	Acrylonitrile	0.106	0.118	-11.3	107	0.00
16 T	Acetone	0.076	0.078	-2.6	106	0.00
17 T	Carbon Disulfide	1.525	1.394	8.6	92	0.00
18 T	Methyl Acetate	0.402	0.492	-22.4	119	0.00
19 T	Methyl tert-butyl Ether	1.223	1.322	-8.1	105	0.01
20 T	Methylene Chloride	0.610	0.563	7.7	100	0.01
21 T	trans-1,2-Dichloroethene	0.582	0.562	3.4	98	0.00
22 T	Diisopropyl ether	1.545	1.599	-3.5	100	0.00
23 T	Vinyl Acetate	0.749	0.775	-3.5	98	0.00
24 P	1,1-Dichloroethane	0.953	0.966	-1.4	101	0.00
25 T	2-Butanone	0.132	0.141	-6.8	105	0.00
26 T	2,2-Dichloropropane	0.868	0.832	4.1	95	0.00
27 T	cis-1,2-Dichloroethene	0.627	0.637	-1.6	101	0.00
28 T	Bromochloromethane	0.353	0.375	-6.2	106	0.00
29 T	Tetrahydrofuran	0.088	0.099	-12.5	107	0.00
30 C	Chloroform	0.992	1.018	-2.6#	103	0.00
31 T	Cyclohexane	0.900	0.790	12.2	91	0.00
32 T	1,1,1-Trichloroethane	0.910	0.907	0.3	100	0.00
33 S	1,2-Dichloroethane-d4	0.457	0.488	-6.8	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.284	0.305	-7.4	110	0.00
36 T	1,1-Dichloropropene	0.493	0.460	6.7	95	0.01
37 T	Ethyl Acetate	0.199	0.205	-3.0	103	0.00
38 T	Carbon Tetrachloride	0.512	0.492	3.9	98	0.00
39 T	Methylcyclohexane	0.615	0.568	7.6	93	0.00
40 TM	Benzene	1.386	1.361	1.8	99	0.00
41 T	Methacrylonitrile	0.100	0.118	-18.0	122	0.00
42 TM	1,2-Dichloroethane	0.359	0.375	-4.5	104	0.01
43 T	Isopropyl Acetate	0.385	0.404	-4.9	103	0.00
44 TM	Trichloroethene	0.398	0.389	2.3	100	0.00
45 C	1,2-Dichloropropane	0.333	0.335	-0.6#	100	0.00
46 T	Dibromomethane	0.180	0.188	-4.4	104	0.00
47 T	Bromodichloromethane	0.464	0.474	-2.2	103	0.00
48 T	Methyl methacrylate	0.213	0.232	-8.9	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	106	0.00
50 S	Toluene-d8	1.152	1.174	-1.9	105	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.211	-8.2	106	0.00
52 CM	Toluene	0.876	0.870	0.7#	100	0.00
53 T	t-1,3-Dichloropropene	0.449	0.462	-2.9	101	0.00
54 T	cis-1,3-Dichloropropene	0.537	0.551	-2.6	102	0.00
55 T	1,1,2-Trichloroethane	0.249	0.263	-5.6	105	0.00
56 T	Ethyl methacrylate	0.235	0.259	-10.2	105	0.00
57 T	1,3-Dichloropropane	0.424	0.445	-5.0	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.181	-13.8	104	0.00
59 T	2-Hexanone	0.145	0.143	1.4	103	0.00
60 T	Dibromochloromethane	0.311	0.331	-6.4	104	0.00
61 T	1,2-Dibromoethane	0.237	0.252	-6.3	105	0.00
62 S	4-Bromofluorobenzene	0.374	0.391	-4.5	107	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.449	0.439	2.2	100	0.00
65 PM	Chlorobenzene	1.068	1.038	2.8	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.395	-0.3	103	0.00
67 C	Ethyl Benzene	1.920	1.875	2.3#	99	0.00
68 T	m/p-Xylenes	0.728	0.707	2.9	99	0.00
69 T	o-Xylene	0.676	0.670	0.9	99	0.00
70 T	Styrene	0.968	0.984	-1.7	101	0.00
71 P	Bromoform	0.204	0.220	-7.8	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	4.049	3.973	1.9	99	0.00
74 T	N-amyl acetate	0.813	0.836	-2.8	99	0.00
75 P	1,1,2,2-Tetrachloroethane	0.650	0.684	-5.2	106	0.00
76 T	1,2,3-Trichloropropane	0.480	0.555	-15.6	124	0.00
77 T	Bromobenzene	0.915	0.923	-0.9	101	0.00
78 T	n-propylbenzene	4.785	4.598	3.9	97	0.00
79 T	2-Chlorotoluene	2.637	2.582	2.1	98	0.00
80 T	1,3,5-Trimethylbenzene	3.264	3.211	1.6	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.221	0.235	-6.3	107	0.00
82 T	4-Chlorotoluene	2.725	2.640	3.1	98	0.00
83 T	tert-Butylbenzene	2.875	2.872	0.1	100	0.00
84 T	1,2,4-Trimethylbenzene	3.214	3.172	1.3	99	0.00
85 T	sec-Butylbenzene	4.108	3.971	3.3	98	0.00
86 T	p-Isopropyltoluene	3.537	3.428	3.1	97	0.00
87 T	1,3-Dichlorobenzene	1.761	1.719	2.4	100	0.00
88 T	1,4-Dichlorobenzene	1.721	1.678	2.5	99	0.00
89 T	n-Butylbenzene	3.267	3.116	4.6	94	0.00
90 T	Hexachloroethane	0.682	0.671	1.6	100	0.00
91 T	1,2-Dichlorobenzene	1.509	1.524	-1.0	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.104	-1.0	106	0.00
93 T	1,2,4-Trichlorobenzene	0.881	0.885	-0.5	102	0.00
94 T	Hexachlorobutadiene	0.504	0.483	4.2	98	0.00
95 T	Naphthalene	1.575	1.755	-11.4	111	0.00

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96 T	1,2,3-Trichlorobenzene	0.728	0.739	-1.5	106	0.00

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