

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016419.D
 Acq On : 17 Nov 2023 18:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 18 08:27:17 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	85	0.00
2 T	Dichlorodifluoromethane	0.490	0.452	7.8	84	0.00
3 P	Chloromethane	0.573	0.523	8.7	82	0.00
4 C	Vinyl Chloride	0.617	0.571	7.5#	82	0.00
5 T	Bromomethane	0.405	0.379	6.4	84	0.00
6 T	Chloroethane	0.393	0.380	3.3	86	0.00
7 T	Trichlorofluoromethane	0.897	0.912	-1.7	87	-0.01
8 T	Diethyl Ether	0.268	0.286	-6.7	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.540	0.546	-1.1	89	0.00
10 T	Methyl Iodide	0.584	0.627	-7.4	90	-0.01
11 T	Tert butyl alcohol	0.036	0.036	0.0	87	-0.02
12 CM	1,1-Dichloroethene	0.505	0.508	-0.6#	88	-0.01
13 T	Acrolein	0.043	0.046	-7.0	89	-0.01
14 T	Allyl chloride	0.717	0.718	-0.1	84	-0.01
15 T	Acrylonitrile	0.106	0.117	-10.4	91	-0.01
16 T	Acetone	0.076	0.086	-13.2	101	-0.01
17 T	Carbon Disulfide	1.525	1.442	5.4	82	-0.01
18 T	Methyl Acetate	0.402	0.478	-18.9	100	-0.01
19 T	Methyl tert-butyl Ether	1.223	1.324	-8.3	91	-0.01
20 T	Methylene Chloride	0.610	0.649	-6.4	100	0.00
21 T	trans-1,2-Dichloroethene	0.582	0.593	-1.9	89	-0.01
22 T	Diisopropyl ether	1.545	1.621	-4.9	88	-0.01
23 T	Vinyl Acetate	0.749	0.756	-0.9	83	-0.01
24 P	1,1-Dichloroethane	0.953	1.004	-5.4	90	-0.02
25 T	2-Butanone	0.132	0.140	-6.1	90	-0.01
26 T	2,2-Dichloropropane	0.868	0.893	-2.9	88	-0.01
27 T	cis-1,2-Dichloroethene	0.627	0.675	-7.7	92	-0.01
28 T	Bromochloromethane	0.353	0.392	-11.0	95	-0.01
29 T	Tetrahydrofuran	0.088	0.093	-5.7	86	-0.01
30 C	Chloroform	0.992	1.091	-10.0#	95	-0.01
31 T	Cyclohexane	0.900	0.818	9.1	81	-0.01
32 T	1,1,1-Trichloroethane	0.910	0.978	-7.5	93	-0.01
33 S	1,2-Dichloroethane-d4	0.457	0.479	-4.8	91	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	-0.01
35 S	Dibromofluoromethane	0.284	0.313	-10.2	96	-0.01
36 T	1,1-Dichloropropene	0.493	0.489	0.8	86	0.00
37 T	Ethyl Acetate	0.199	0.192	3.5	83	-0.01
38 T	Carbon Tetrachloride	0.512	0.545	-6.4	93	-0.01
39 T	Methylcyclohexane	0.615	0.604	1.8	85	-0.01
40 TM	Benzene	1.386	1.445	-4.3	90	0.00
41 T	Methacrylonitrile	0.100	0.109	-9.0	96	-0.01
42 TM	1,2-Dichloroethane	0.359	0.387	-7.8	92	0.00
43 T	Isopropyl Acetate	0.385	0.388	-0.8	85	0.00
44 TM	Trichloroethene	0.398	0.415	-4.3	91	0.00
45 C	1,2-Dichloropropane	0.333	0.343	-3.0#	88	0.00
46 T	Dibromomethane	0.180	0.195	-8.3	92	0.00
47 T	Bromodichloromethane	0.464	0.509	-9.7	94	0.00
48 T	Methyl methacrylate	0.213	0.219	-2.8	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	91	-0.01
50 S	Toluene-d8	1.152	1.181	-2.5	90	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.198	-1.5	85	0.00
52 CM	Toluene	0.876	0.916	-4.6#	90	0.00
53 T	t-1,3-Dichloropropene	0.449	0.483	-7.6	91	0.00
54 T	cis-1,3-Dichloropropene	0.537	0.580	-8.0	92	0.00
55 T	1,1,2-Trichloroethane	0.249	0.278	-11.6	95	0.00
56 T	Ethyl methacrylate	0.235	0.256	-8.9	89	0.00
57 T	1,3-Dichloropropane	0.424	0.465	-9.7	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.179	-12.6	88	0.00
59 T	2-Hexanone	0.145	0.138	4.8	85	0.00
60 T	Dibromochloromethane	0.311	0.353	-13.5	95	0.00
61 T	1,2-Dibromoethane	0.237	0.262	-10.5	93	0.00
62 S	4-Bromofluorobenzene	0.374	0.395	-5.6	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64 T	Tetrachloroethene	0.449	0.485	-8.0	94	0.00
65 PM	Chlorobenzene	1.068	1.130	-5.8	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.436	-10.7	96	0.00
67 C	Ethyl Benzene	1.920	2.012	-4.8#	91	0.00
68 T	m/p-Xylenes	0.728	0.764	-4.9	90	0.00
69 T	o-Xylene	0.676	0.721	-6.7	90	0.00
70 T	Styrene	0.968	1.059	-9.4	93	0.00
71 P	Bromoform	0.204	0.234	-14.7	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	4.049	4.186	-3.4	91	0.00
74 T	N-amyl acetate	0.813	0.771	5.2	80	0.00
75 P	1,1,2,2-Tetrachloroethane	0.650	0.678	-4.3	92	0.00
76 T	1,2,3-Trichloropropane	0.480	0.487	-1.5	95	0.00
77 T	Bromobenzene	0.915	0.982	-7.3	94	0.00
78 T	n-propylbenzene	4.785	4.863	-1.6	90	0.00
79 T	2-Chlorotoluene	2.637	2.717	-3.0	90	0.00
80 T	1,3,5-Trimethylbenzene	3.264	3.431	-5.1	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.221	0.232	-5.0	92	0.00
82 T	4-Chlorotoluene	2.725	2.809	-3.1	91	0.00
83 T	tert-Butylbenzene	2.875	3.047	-6.0	93	0.00
84 T	1,2,4-Trimethylbenzene	3.214	3.382	-5.2	92	0.00
85 T	sec-Butylbenzene	4.108	4.218	-2.7	91	0.00
86 T	p-Isopropyltoluene	3.537	3.728	-5.4	92	0.00
87 T	1,3-Dichlorobenzene	1.761	1.850	-5.1	94	0.00
88 T	1,4-Dichlorobenzene	1.721	1.801	-4.6	93	0.00
89 T	n-Butylbenzene	3.267	3.339	-2.2	88	0.00
90 T	Hexachloroethane	0.682	0.717	-5.1	94	0.00
91 T	1,2-Dichlorobenzene	1.509	1.623	-7.6	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.099	3.9	88	0.00
93 T	1,2,4-Trichlorobenzene	0.881	0.919	-4.3	92	0.00
94 T	Hexachlorobutadiene	0.504	0.535	-6.2	95	0.00
95 T	Naphthalene	1.575	1.648	-4.6	91	0.00

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96 T	1,2,3-Trichlorobenzene	0.728	0.756	-3.8	95	0.00

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