

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040124\
 Data File : VY017810.D
 Acq On : 01 Apr 2024 17:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 02 03:22:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 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	77	0.00
2 T	Dichlorodifluoromethane	0.334	0.341	-2.1	96	0.00
3 P	Chloromethane	0.653	0.756	-15.8	100	0.00
4 C	Vinyl Chloride	0.853	1.020	-19.6#	105	0.00
5 T	Bromomethane	0.690	0.788	-14.2	105	0.00
6 T	Chloroethane	0.556	0.687	-23.6	108	0.00
7 T	Trichlorofluoromethane	0.832	0.941	-13.1	102	0.00
8 T	Diethyl Ether	0.244	0.254	-4.1	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.514	-3.0	92	0.00
10 T	Methyl Iodide	0.542	0.613	-13.1	91	0.00
11 T	Tert butyl alcohol	0.044	0.030	31.8#	76	0.00
12 CM	1,1-Dichloroethene	0.467	0.487	-4.3#	91	0.00
13 T	Acrolein	0.030	0.030	0.0	83	0.00
14 T	Allyl chloride	0.573	0.635	-10.8	95	0.00
15 T	Acrylonitrile	0.103	0.103	0.0	86	0.00
16 T	Acetone	0.089	0.085	4.5	80	0.00
17 T	Carbon Disulfide	1.321	1.416	-7.2	87	0.00
18 T	Methyl Acetate	0.198	0.202	-2.0	89	0.00
19 T	Methyl tert-butyl Ether	1.069	1.125	-5.2	91	0.00
20 T	Methylene Chloride	0.662	0.554	16.3	85	0.00
21 T	trans-1,2-Dichloroethene	0.499	0.538	-7.8	92	0.00
22 T	Diisopropyl ether	1.324	1.518	-14.7	99	0.00
23 T	Vinyl Acetate	0.808	0.879	-8.8	92	0.00
24 P	1,1-Dichloroethane	0.878	0.980	-11.6	98	0.00
25 T	2-Butanone	0.127	0.126	0.8	84	0.00
26 T	2,2-Dichloropropane	0.759	0.810	-6.7	97	0.00
27 T	cis-1,2-Dichloroethene	0.590	0.645	-9.3	95	0.00
28 T	Bromochloromethane	0.357	0.353	1.1	73	0.00
29 T	Tetrahydrofuran	0.076	0.078	-2.6	87	0.00
30 C	Chloroform	0.911	1.013	-11.2#	98	0.00
31 T	Cyclohexane	0.762	0.797	-4.6	94	0.00
32 T	1,1,1-Trichloroethane	0.776	0.848	-9.3	97	0.00
33 S	1,2-Dichloroethane-d4	0.433	0.415	4.2	80	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
35 S	Dibromofluoromethane	0.289	0.274	5.2	79	0.00
36 T	1,1-Dichloropropene	0.422	0.458	-8.5	94	0.00
37 T	Ethyl Acetate	0.182	0.179	1.6	87	0.00
38 T	Carbon Tetrachloride	0.438	0.472	-7.8	95	0.00
39 T	Methylcyclohexane	0.527	0.571	-8.3	92	0.00
40 TM	Benzene	1.299	1.444	-11.2	98	0.00
41 T	Methacrylonitrile	0.108	0.114	-5.6	87	0.00
42 TM	1,2-Dichloroethane	0.320	0.347	-8.4	95	0.00
43 T	Isopropyl Acetate	0.330	0.333	-0.9	89	0.00
44 TM	Trichloroethene	0.338	0.362	-7.1	94	0.00
45 C	1,2-Dichloropropane	0.302	0.336	-11.3#	98	0.00
46 T	Dibromomethane	0.172	0.184	-7.0	94	0.00
47 T	Bromodichloromethane	0.433	0.481	-11.1	98	0.00
48 T	Methyl methacrylate	0.146	0.157	-7.5	91	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	86	0.00
50 S	Toluene-d8	1.079	1.078	0.1	82	0.00
51 T	4-Methyl-2-Pentanone	0.175	0.182	-4.0	89	0.00
52 CM	Toluene	0.788	0.901	-14.3#	100	0.00
53 T	t-1,3-Dichloropropene	0.385	0.429	-11.4	97	0.00
54 T	cis-1,3-Dichloropropene	0.470	0.519	-10.4	97	0.00
55 T	1,1,2-Trichloroethane	0.229	0.245	-7.0	97	0.00
56 T	Ethyl methacrylate	0.290	0.318	-9.7	90	0.00
57 T	1,3-Dichloropropane	0.387	0.425	-9.8	97	0.00
58 T	2-Chloroethyl Vinyl ether	0.152	0.159	-4.6	78	0.00
59 T	2-Hexanone	0.120	0.125	-4.2	86	0.00
60 T	Dibromochloromethane	0.288	0.320	-11.1	99	0.00
61 T	1,2-Dibromoethane	0.208	0.219	-5.3	92	0.00
62 S	4-Bromofluorobenzene	0.328	0.332	-1.2	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64 T	Tetrachloroethene	0.436	0.478	-9.6	100	0.00
65 PM	Chlorobenzene	1.026	1.103	-7.5	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.348	0.380	-9.2	101	0.00
67 C	Ethyl Benzene	1.763	1.994	-13.1#	103	0.00
68 T	m/p-Xylenes	0.669	0.757	-13.2	103	0.00
69 T	o-Xylene	0.621	0.706	-13.7	103	0.00
70 T	Styrene	1.047	1.203	-14.9	102	0.00
71 P	Bromoform	0.193	0.199	-3.1	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73 T	Isopropylbenzene	3.504	3.772	-7.6	103	0.00
74 T	N-amyl acetate	0.702	0.699	0.4	90	0.00
75 P	1,1,2,2-Tetrachloroethane	0.606	0.582	4.0	94	0.00
76 T	1,2,3-Trichloropropane	0.456	0.427	6.4	88	0.00
77 T	Bromobenzene	0.835	0.852	-2.0	101	0.00
78 T	n-propylbenzene	4.276	4.667	-9.1	103	0.00
79 T	2-Chlorotoluene	2.342	2.530	-8.0	103	0.00
80 T	1,3,5-Trimethylbenzene	2.735	2.993	-9.4	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.206	0.196	4.9	89	0.00
82 T	4-Chlorotoluene	2.425	2.580	-6.4	101	0.00
83 T	tert-Butylbenzene	2.486	2.721	-9.5	106	0.00
84 T	1,2,4-Trimethylbenzene	2.724	3.001	-10.2	105	0.00
85 T	sec-Butylbenzene	3.732	4.120	-10.4	105	0.00
86 T	p-Isopropyltoluene	3.119	3.459	-10.9	106	0.00
87 T	1,3-Dichlorobenzene	1.656	1.758	-6.2	105	0.00
88 T	1,4-Dichlorobenzene	1.585	1.677	-5.8	103	0.00
89 T	n-Butylbenzene	2.870	3.254	-13.4	106	0.00
90 T	Hexachloroethane	0.620	0.668	-7.7	106	0.00
91 T	1,2-Dichlorobenzene	1.373	1.465	-6.7	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.082	0.077	6.1	91	0.00
93 T	1,2,4-Trichlorobenzene	0.752	0.801	-6.5	97	0.00
94 T	Hexachlorobutadiene	0.456	0.485	-6.4	103	0.00
95 T	Naphthalene	1.246	1.260	-1.1	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.635	0.660	-3.9	95	0.00

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