

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017175.D
 Acq On : 02 Feb 2024 09:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 02 22:26:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 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	95	0.00
2 T	Dichlorodifluoromethane	0.379	0.364	4.0	108	0.00
3 P	Chloromethane	0.681	0.737	-8.2	115	0.00
4 C	Vinyl Chloride	0.830	0.918	-10.6#	118	0.00
5 T	Bromomethane	0.575	0.616	-7.1	117	0.00
6 T	Chloroethane	0.536	0.598	-11.6	117	0.00
7 T	Trichlorofluoromethane	0.853	0.916	-7.4	114	0.00
8 T	Diethyl Ether	0.268	0.292	-9.0	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.517	0.566	-9.5	113	0.00
10 T	Methyl Iodide	0.544	0.613	-12.7	111	0.00
11 T	Tert butyl alcohol	0.044	0.036	18.2	101	0.00
12 CM	1,1-Dichloroethene	0.485	0.530	-9.3#	113	0.00
13 T	Acrolein	0.041	0.033	19.5	91	0.00
14 T	Allyl chloride	0.733	0.829	-13.1	114	0.00
15 T	Acrylonitrile	0.121	0.127	-5.0	106	0.01
16 T	Acetone	0.131	0.157	-19.8	132	0.00
17 T	Carbon Disulfide	1.547	1.667	-7.8	110	0.00
18 T	Methyl Acetate	0.293	0.335	-14.3	104	0.00
19 T	Methyl tert-butyl Ether	1.167	1.281	-9.8	109	0.00
20 T	Methylene Chloride	0.617	0.584	5.3	108	0.00
21 T	trans-1,2-Dichloroethene	0.551	0.618	-12.2	113	0.00
22 T	Diisopropyl ether	1.609	1.831	-13.8	112	0.01
23 T	Vinyl Acetate	0.975	1.072	-9.9	110	0.00
24 P	1,1-Dichloroethane	0.986	1.092	-10.8	113	0.00
25 T	2-Butanone	0.175	0.200	-14.3	122	0.00
26 T	2,2-Dichloropropane	0.820	0.930	-13.4	116	0.00
27 T	cis-1,2-Dichloroethene	0.617	0.689	-11.7	113	0.00
28 T	Bromochloromethane	0.377	0.413	-9.5	98	0.00
29 T	Tetrahydrofuran	0.099	0.104	-5.1	106	0.00
30 C	Chloroform	0.992	1.094	-10.3#	112	0.00
31 T	Cyclohexane	0.900	0.966	-7.3	113	0.00
32 T	1,1,1-Trichloroethane	0.853	0.962	-12.8	114	0.00
33 S	1,2-Dichloroethane-d4	0.447	0.412	7.8	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.270	0.248	8.1	86	0.00
36 T	1,1-Dichloropropene	0.466	0.507	-8.8	111	0.00
37 T	Ethyl Acetate	0.216	0.210	2.8	103	0.00
38 T	Carbon Tetrachloride	0.446	0.492	-10.3	115	0.00
39 T	Methylcyclohexane	0.544	0.606	-11.4	113	0.00
40 TM	Benzene	1.330	1.453	-9.2	113	0.00
41 T	Methacrylonitrile	0.102	0.122	-19.6	126	0.00
42 TM	1,2-Dichloroethane	0.352	0.374	-6.3	110	0.00
43 T	Isopropyl Acetate	0.382	0.402	-5.2	108	0.00
44 TM	Trichloroethene	0.338	0.375	-10.9	113	0.00
45 C	1,2-Dichloropropane	0.327	0.356	-8.9#	111	0.00
46 T	Dibromomethane	0.176	0.191	-8.5	111	0.00
47 T	Bromodichloromethane	0.442	0.483	-9.3	113	0.00
48 T	Methyl methacrylate	0.179	0.189	-5.6	106	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	103	0.00
50 S	Toluene-d8	0.983	0.921	6.3	85	0.00
51 T	4-Methyl-2-Pentanone	0.205	0.217	-5.9	107	0.00
52 CM	Toluene	0.803	0.902	-12.3#	113	0.00
53 T	t-1,3-Dichloropropene	0.415	0.461	-11.1	112	0.00
54 T	cis-1,3-Dichloropropene	0.497	0.557	-12.1	113	0.00
55 T	1,1,2-Trichloroethane	0.240	0.256	-6.7	108	0.00
56 T	Ethyl methacrylate	0.292	0.331	-13.4	110	0.00
57 T	1,3-Dichloropropane	0.413	0.444	-7.5	109	0.00
58 T	2-Chloroethyl Vinyl ether	0.150	0.138	8.0	87	0.00
59 T	2-Hexanone	0.148	0.169	-14.2	117	0.00
60 T	Dibromochloromethane	0.282	0.303	-7.4	111	0.00
61 T	1,2-Dibromoethane	0.223	0.240	-7.6	112	0.00
62 S	4-Bromofluorobenzene	0.322	0.295	8.4	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.325	0.345	-6.2	111	0.00
65 PM	Chlorobenzene	0.965	1.055	-9.3	112	0.00
66 T	1,1,1,2-Tetrachloroethane	0.351	0.383	-9.1	113	0.00
67 C	Ethyl Benzene	1.743	1.995	-14.5#	115	0.00
68 T	m/p-Xylenes	0.662	0.752	-13.6	114	0.00
69 T	o-Xylene	0.609	0.703	-15.4	115	0.00
70 T	Styrene	1.004	1.176	-17.1	115	0.00
71 P	Bromoform	0.184	0.196	-6.5	110	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.673	4.160	-13.3	116	0.00
74 T	N-amyl acetate	0.825	0.881	-6.8	109	0.00
75 P	1,1,2,2-Tetrachloroethane	0.722	0.739	-2.4	108	0.00
76 T	1,2,3-Trichloropropane	0.461	0.520	-12.8	124	0.00
77 T	Bromobenzene	0.815	0.858	-5.3	111	0.00
78 T	n-propylbenzene	4.511	5.107	-13.2	116	0.00
79 T	2-Chlorotoluene	2.480	2.792	-12.6	117	0.00
80 T	1,3,5-Trimethylbenzene	2.921	3.313	-13.4	116	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.234	-5.4	110	0.00
82 T	4-Chlorotoluene	2.553	2.854	-11.8	116	0.00
83 T	tert-Butylbenzene	2.504	2.897	-15.7	118	0.00
84 T	1,2,4-Trimethylbenzene	2.884	3.290	-14.1	116	0.00
85 T	sec-Butylbenzene	3.914	4.418	-12.9	116	0.00
86 T	p-Isopropyltoluene	3.128	3.570	-14.1	117	0.00
87 T	1,3-Dichlorobenzene	1.625	1.743	-7.3	114	0.00
88 T	1,4-Dichlorobenzene	1.579	1.702	-7.8	116	0.00
89 T	n-Butylbenzene	2.974	3.420	-15.0	117	0.00
90 T	Hexachloroethane	0.642	0.701	-9.2	116	0.00
91 T	1,2-Dichlorobenzene	1.384	1.495	-8.0	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.095	-1.1	110	0.00
93 T	1,2,4-Trichlorobenzene	0.687	0.801	-16.6	123	0.00
94 T	Hexachlorobutadiene	0.405	0.451	-11.4	123	0.00
95 T	Naphthalene	1.270	1.465	-15.4	121	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.585	0.668	-14.2	125	0.00

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