

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040924\
 Data File : VY017891.D
 Acq On : 09 Apr 2024 16:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 10 04:26:29 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	55	-0.01
2 T	Dichlorodifluoromethane	0.334	0.352	-5.4	71	0.00
3 P	Chloromethane	0.653	0.774	-18.5	74	0.00
4 C	Vinyl Chloride	0.853	1.194	-40.0#	88	0.00
5 T	Bromomethane	0.690	1.092	-58.3#	105	0.00
6 T	Chloroethane	0.556	0.902	-62.2#	102	0.00
7 T	Trichlorofluoromethane	0.832	0.975	-17.2	76	0.00
8 T	Diethyl Ether	0.244	0.241	1.2	62	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.509	-2.0	65	0.00
10 T	Methyl Iodide	0.542	0.628	-15.9	67	-0.01
11 T	Tert butyl alcohol	0.044	0.027	38.6#	50	-0.01
12 CM	1,1-Dichloroethene	0.467	0.481	-3.0#	65	-0.01
13 T	Acrolein	0.030	0.022	26.7#	43#	0.00
14 T	Allyl chloride	0.573	0.542	5.4	58	-0.01
15 T	Acrylonitrile	0.103	0.091	11.7	54	-0.02
16 T	Acetone	0.089	0.066	25.8#	44#	-0.01
17 T	Carbon Disulfide	1.321	1.252	5.2	55	-0.01
18 T	Methyl Acetate	0.198	0.165	16.7	53	-0.02
19 T	Methyl tert-butyl Ether	1.069	1.111	-3.9	64	-0.02
20 T	Methylene Chloride	0.662	0.554	16.3	61	-0.02
21 T	trans-1,2-Dichloroethene	0.499	0.550	-10.2	68	-0.02
22 T	Diisopropyl ether	1.324	1.335	-0.8	62	-0.01
23 T	Vinyl Acetate	0.808	0.778	3.7	59	-0.01
24 P	1,1-Dichloroethane	0.878	0.958	-9.1	69	-0.01
25 T	2-Butanone	0.127	0.102	19.7	49#	-0.01
26 T	2,2-Dichloropropane	0.759	0.797	-5.0	68	-0.01
27 T	cis-1,2-Dichloroethene	0.590	0.672	-13.9	71	-0.01
28 T	Bromochloromethane	0.357	0.316	11.5	47#	-0.01
29 T	Tetrahydrofuran	0.076	0.064	15.8	51	-0.01
30 C	Chloroform	0.911	1.046	-14.8#	73	-0.01
31 T	Cyclohexane	0.762	0.663	13.0	56	-0.01
32 T	1,1,1-Trichloroethane	0.776	0.880	-13.4	72	-0.01
33 S	1,2-Dichloroethane-d4	0.433	0.400	7.6	56	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	57	0.00
35 S	Dibromofluoromethane	0.289	0.272	5.9	57	0.00
36 T	1,1-Dichloropropene	0.422	0.442	-4.7	66	0.00
37 T	Ethyl Acetate	0.182	0.150	17.6	54	-0.01
38 T	Carbon Tetrachloride	0.438	0.471	-7.5	70	-0.01
39 T	Methylcyclohexane	0.527	0.516	2.1	61	-0.01
40 TM	Benzene	1.299	1.382	-6.4	69	0.00
41 T	Methacrylonitrile	0.108	0.129	-19.4	73	0.00
42 TM	1,2-Dichloroethane	0.320	0.341	-6.6	69	-0.01
43 T	Isopropyl Acetate	0.330	0.295	10.6	58	-0.01
44 TM	Trichloroethene	0.338	0.361	-6.8	69	0.00
45 C	1,2-Dichloropropane	0.302	0.311	-3.0#	67	-0.01
46 T	Dibromomethane	0.172	0.179	-4.1	67	0.00
47 T	Bromodichloromethane	0.433	0.479	-10.6	72	-0.01
48 T	Methyl methacrylate	0.146	0.126	13.7	54	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	64	0.00
50 S	Toluene-d8	1.079	1.013	6.1	57	0.00
51 T	4-Methyl-2-Pentanone	0.175	0.153	12.6	55	0.00
52 CM	Toluene	0.788	0.867	-10.0#	71	0.00
53 T	t-1,3-Dichloropropene	0.385	0.400	-3.9	67	-0.01
54 T	cis-1,3-Dichloropropene	0.470	0.492	-4.7	67	-0.01
55 T	1,1,2-Trichloroethane	0.229	0.238	-3.9	69	0.00
56 T	Ethyl methacrylate	0.290	0.291	-0.3	61	0.00
57 T	1,3-Dichloropropane	0.387	0.391	-1.0	66	0.00
58 T	2-Chloroethyl Vinyl ether	0.152	0.109	28.3#	39#	-0.01
59 T	2-Hexanone	0.120	0.101	15.8	51	0.00
60 T	Dibromochloromethane	0.288	0.312	-8.3	71	0.00
61 T	1,2-Dibromoethane	0.208	0.214	-2.9	66	0.00
62 S	4-Bromofluorobenzene	0.328	0.293	10.7	55	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	58	0.00
64 T	Tetrachloroethene	0.436	0.468	-7.3	71	0.00
65 PM	Chlorobenzene	1.026	1.103	-7.5	71	0.00
66 T	1,1,1,2-Tetrachloroethane	0.348	0.388	-11.5	74	0.00
67 C	Ethyl Benzene	1.763	1.948	-10.5#	72	0.00
68 T	m/p-Xylenes	0.669	0.746	-11.5	73	0.00
69 T	o-Xylene	0.621	0.696	-12.1	73	0.00
70 T	Styrene	1.047	1.182	-12.9	72	0.00
71 P	Bromoform	0.193	0.193	0.0	66	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	55	0.00
73 T	Isopropylbenzene	3.504	3.961	-13.0	73	0.00
74 T	N-amyl acetate	0.702	0.648	7.7	56	0.00
75 P	1,1,2,2-Tetrachloroethane	0.606	0.569	6.1	62	0.00
76 T	1,2,3-Trichloropropane	0.456	0.432	5.3	60	0.00
77 T	Bromobenzene	0.835	0.904	-8.3	72	0.00
78 T	n-propylbenzene	4.276	4.778	-11.7	71	0.00
79 T	2-Chlorotoluene	2.342	2.559	-9.3	70	0.00
80 T	1,3,5-Trimethylbenzene	2.735	3.101	-13.4	72	0.00
81 T	trans-1,4-Dichloro-2-butene	0.206	0.190	7.8	58	0.00
82 T	4-Chlorotoluene	2.425	2.614	-7.8	69	0.00
83 T	tert-Butylbenzene	2.486	2.842	-14.3	74	0.00
84 T	1,2,4-Trimethylbenzene	2.724	3.123	-14.6	73	0.00
85 T	sec-Butylbenzene	3.732	4.323	-15.8	74	0.00
86 T	p-Isopropyltoluene	3.119	3.603	-15.5	75	0.00
87 T	1,3-Dichlorobenzene	1.656	1.816	-9.7	73	0.00
88 T	1,4-Dichlorobenzene	1.585	1.695	-6.9	70	0.00
89 T	n-Butylbenzene	2.870	3.258	-13.5	72	0.00
90 T	Hexachloroethane	0.620	0.708	-14.2	76	0.00
91 T	1,2-Dichlorobenzene	1.373	1.470	-7.1	68	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.082	0.072	12.2	57	0.00
93 T	1,2,4-Trichlorobenzene	0.752	0.781	-3.9	64	0.00
94 T	Hexachlorobutadiene	0.456	0.494	-8.3	71	0.00
95 T	Naphthalene	1.246	1.266	-1.6	60	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.635	0.645	-1.6	63	0.00

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