

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020049.D
 Acq On : 29 Oct 2024 09:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 30 01:18:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 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	52	0.01
2 T	Dichlorodifluoromethane	0.465	0.383	17.6	44#	0.00
3 P	Chloromethane	0.606	0.593	2.1	50	0.01
4 C	Vinyl Chloride	0.667	0.694	-4.0#	53	0.00
5 T	Bromomethane	0.422	0.450	-6.6	54	0.00
6 T	Chloroethane	0.448	0.501	-11.8	57	0.01
7 T	Trichlorofluoromethane	0.992	1.025	-3.3	53	0.01
8 T	Diethyl Ether	0.301	0.304	-1.0	50	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.577	0.614	-6.4	55	0.02
10 T	Methyl Iodide	0.584	0.551	5.7	45#	0.01
11 T	Tert butyl alcohol	0.058	0.047	19.0	49#	0.00
12 CM	1,1-Dichloroethene	0.536	0.519	3.2#	49#	0.02
13 T	Acrolein	0.045	0.018	60.0#	24#	0.02
14 T	Allyl chloride	0.968	1.056	-9.1	54	0.01
15 T	Acrylonitrile	0.138	0.154	-11.6	56	0.02
16 T	Acetone	0.160	0.195	-21.9	60	0.01
17 T	Carbon Disulfide	1.438	1.194	17.0	40#	0.02
18 T	Methyl Acetate	0.345	0.400	-15.9	60	0.02
19 T	Methyl tert-butyl Ether	1.541	1.647	-6.9	55	0.01
20 T	Methylene Chloride	0.647	0.645	0.3	54	0.02
21 T	trans-1,2-Dichloroethene	0.584	0.597	-2.2	51	0.02
22 T	Diisopropyl ether	2.108	2.506	-18.9	60	0.01
23 T	Vinyl Acetate	1.209	1.351	-11.7	55	0.02
24 P	1,1-Dichloroethane	1.172	1.365	-16.5	59	0.01
25 T	2-Butanone	0.215	0.246	-14.4	58	0.01
26 T	2,2-Dichloropropane	1.044	1.177	-12.7	59	0.01
27 T	cis-1,2-Dichloroethene	0.721	0.800	-11.0	56	0.01
28 T	Bromochloromethane	0.516	0.579	-12.2	57	0.01
29 T	Tetrahydrofuran	0.122	0.135	-10.7	55	0.00
30 C	Chloroform	1.195	1.405	-17.6#	60	0.00
31 T	Cyclohexane	1.029	1.013	1.6	52	0.01
32 T	1,1,1-Trichloroethane	1.047	1.210	-15.6	59	0.01
33 S	1,2-Dichloroethane-d4	0.616	0.598	2.9	54	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	53	0.00
35 S	Dibromofluoromethane	0.330	0.325	1.5	54	0.01
36 T	1,1-Dichloropropene	0.475	0.533	-12.2	57	0.01
37 T	Ethyl Acetate	0.248	0.269	-8.5	55	0.01
38 T	Carbon Tetrachloride	0.510	0.585	-14.7	59	0.01
39 T	Methylcyclohexane	0.599	0.611	-2.0	51	0.00
40 TM	Benzene	1.439	1.633	-13.5	58	0.01
41 T	Methacrylonitrile	0.134	0.174	-29.9#	59	0.01
42 TM	1,2-Dichloroethane	0.413	0.464	-12.3	57	0.00
43 T	Isopropyl Acetate	0.505	0.552	-9.3	56	0.00
44 TM	Trichloroethene	0.348	0.373	-7.2	54	0.00
45 C	1,2-Dichloropropane	0.360	0.422	-17.2#	61	0.00
46 T	Dibromomethane	0.197	0.217	-10.2	57	0.00
47 T	Bromodichloromethane	0.522	0.617	-18.2	60	0.00
48 T	Methyl methacrylate	0.222	0.254	-14.4	57	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	51	0.00
50 S	Toluene-d8	1.218	1.184	2.8	53	0.00
51 T	4-Methyl-2-Pentanone	0.258	0.299	-15.9	59	0.00
52 CM	Toluene	0.898	1.046	-16.5#	59	0.00
53 T	t-1,3-Dichloropropene	0.470	0.538	-14.5	57	0.00
54 T	cis-1,3-Dichloropropene	0.554	0.628	-13.4	57	0.00
55 T	1,1,2-Trichloroethane	0.259	0.297	-14.7	59	0.00
56 T	Ethyl methacrylate	0.372	0.415	-11.6	54	0.00
57 T	1,3-Dichloropropane	0.455	0.522	-14.7	58	0.00
58 T	2-Chloroethyl Vinyl ether	0.173	0.200	-15.6	62	0.00
59 T	2-Hexanone	0.184	0.220	-19.6	59	0.00
60 T	Dibromochloromethane	0.333	0.380	-14.1	59	0.00
61 T	1,2-Dibromoethane	0.234	0.255	-9.0	55	0.00
62 S	4-Bromofluorobenzene	0.440	0.424	3.6	53	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	53	0.00
64 T	Tetrachloroethene	0.356	0.365	-2.5	53	0.00
65 PM	Chlorobenzene	1.144	1.294	-13.1	59	0.00
66 T	1,1,1,2-Tetrachloroethane	0.387	0.444	-14.7	59	0.00
67 C	Ethyl Benzene	2.077	2.430	-17.0#	60	0.00
68 T	m/p-Xylenes	0.767	0.886	-15.5	59	0.00
69 T	o-Xylene	0.737	0.853	-15.7	59	0.00
70 T	Styrene	1.244	1.454	-16.9	59	0.00
71 P	Bromoform	0.207	0.236	-14.0	57	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	54	0.00
73 T	Isopropylbenzene	4.206	4.808	-14.3	61	0.00
74 T	N-amyl acetate	1.114	1.171	-5.1	54	0.00
75 P	1,1,2,2-Tetrachloroethane	0.747	0.845	-13.1	60	0.00
76 T	1,2,3-Trichloropropane	0.979	0.553	43.5#	30#	0.00
77 T	Bromobenzene	0.892	0.938	-5.2	56	0.00
78 T	n-propylbenzene	5.082	5.914	-16.4	62	0.00
79 T	2-Chlorotoluene	2.913	3.240	-11.2	59	0.00
80 T	1,3,5-Trimethylbenzene	3.396	3.808	-12.1	60	0.00
81 T	trans-1,4-Dichloro-2-butene	0.243	0.262	-7.8	57	0.00
82 T	4-Chlorotoluene	2.979	3.320	-11.4	60	0.00
83 T	tert-Butylbenzene	3.043	3.376	-10.9	59	0.00
84 T	1,2,4-Trimethylbenzene	3.367	3.728	-10.7	59	0.00
85 T	sec-Butylbenzene	4.546	5.275	-16.0	61	0.00
86 T	p-Isopropyltoluene	3.691	4.215	-14.2	60	0.00
87 T	1,3-Dichlorobenzene	1.802	1.973	-9.5	59	0.00
88 T	1,4-Dichlorobenzene	1.771	1.931	-9.0	58	0.00
89 T	n-Butylbenzene	3.605	4.231	-17.4	60	0.00
90 T	Hexachloroethane	0.719	0.837	-16.4	62	0.00
91 T	1,2-Dichlorobenzene	1.584	1.731	-9.3	58	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.119	0.125	-5.0	56	0.00
93 T	1,2,4-Trichlorobenzene	0.888	0.903	-1.7	51	0.00
94 T	Hexachlorobutadiene	0.494	0.498	-0.8	51	0.00
95 T	Naphthalene	1.675	1.710	-2.1	50	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.751	0.754	-0.4	50#	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6