

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019517.D
 Acq On : 11 Sep 2024 18:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 12 01:34:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 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	64	0.00
2 T	Dichlorodifluoromethane	0.316	0.236	25.3#	57	0.00
3 P	Chloromethane	0.414	0.402	2.9	66	0.00
4 C	Vinyl Chloride	0.447	0.461	-3.1#	66	0.00
5 T	Bromomethane	0.275	0.326	-18.5	74	0.00
6 T	Chloroethane	0.292	0.330	-13.0	71	0.00
7 T	Trichlorofluoromethane	0.746	0.747	-0.1	65	0.00
8 T	Diethyl Ether	0.250	0.268	-7.2	65	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.461	0.434	5.9	61	0.00
10 T	Methyl Iodide	0.591	0.571	3.4	60	0.00
11 T	Tert butyl alcohol	0.037	0.043	-16.2	69	0.00
12 CM	1,1-Dichloroethene	0.444	0.426	4.1#	61	0.00
13 T	Acrolein	0.020	0.017	15.0	68	0.00
14 T	Allyl chloride	0.796	0.774	2.8	61	0.00
15 T	Acrylonitrile	0.108	0.118	-9.3	65	0.00
16 T	Acetone	0.110	0.098	10.9	51	0.00
17 T	Carbon Disulfide	1.199	1.189	0.8	59	0.00
18 T	Methyl Acetate	0.299	0.304	-1.7	56	0.00
19 T	Methyl tert-butyl Ether	1.256	1.359	-8.2	66	0.00
20 T	Methylene Chloride	0.503	0.535	-6.4	68	0.00
21 T	trans-1,2-Dichloroethene	0.486	0.486	0.0	62	0.00
22 T	Diisopropyl ether	1.634	1.714	-4.9	65	0.00
23 T	Vinyl Acetate	0.933	1.002	-7.4	66	0.00
24 P	1,1-Dichloroethane	0.917	0.943	-2.8	64	0.00
25 T	2-Butanone	0.157	0.158	-0.6	59	0.00
26 T	2,2-Dichloropropane	0.827	0.752	9.1	58	0.00
27 T	cis-1,2-Dichloroethene	0.591	0.619	-4.7	65	0.00
28 T	Bromochloromethane	0.386	0.446	-15.5	69	0.00
29 T	Tetrahydrofuran	0.095	0.105	-10.5	65	0.00
30 C	Chloroform	0.936	1.008	-7.7#	67	0.00
31 T	Cyclohexane	0.829	0.742	10.5	59	0.00
32 T	1,1,1-Trichloroethane	0.839	0.860	-2.5	64	0.00
33 S	1,2-Dichloroethane-d4	0.463	0.569	-22.9	75	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	69	0.00
35 S	Dibromofluoromethane	0.283	0.301	-6.4	71	0.00
36 T	1,1-Dichloropropene	0.386	0.358	7.3	62	0.00
37 T	Ethyl Acetate	0.198	0.202	-2.0	66	0.00
38 T	Carbon Tetrachloride	0.435	0.401	7.8	63	0.00
39 T	Methylcyclohexane	0.513	0.453	11.7	60	0.00
40 TM	Benzene	1.188	1.145	3.6	65	0.00
41 T	Methacrylonitrile	0.115	0.117	-1.7	62	0.00
42 TM	1,2-Dichloroethane	0.320	0.329	-2.8	68	0.00
43 T	Isopropyl Acetate	0.415	0.418	-0.7	66	0.00
44 TM	Trichloroethene	0.306	0.286	6.5	63	0.00
45 C	1,2-Dichloropropane	0.290	0.280	3.4#	65	0.00
46 T	Dibromomethane	0.159	0.163	-2.5	67	0.00
47 T	Bromodichloromethane	0.427	0.423	0.9	66	0.00
48 T	Methyl methacrylate	0.196	0.189	3.6	61	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	67	0.00
50 S	Toluene-d8	1.049	1.118	-6.6	71	0.00
51 T	4-Methyl-2-Pentanone	0.209	0.212	-1.4	66	0.00
52 CM	Toluene	0.764	0.740	3.1#	64	0.00
53 T	t-1,3-Dichloropropene	0.407	0.389	4.4	63	0.00
54 T	cis-1,3-Dichloropropene	0.474	0.449	5.3	63	0.00
55 T	1,1,2-Trichloroethane	0.219	0.220	-0.5	65	0.00
56 T	Ethyl methacrylate	0.333	0.340	-2.1	67	0.00
57 T	1,3-Dichloropropane	0.377	0.375	0.5	65	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.170	-9.7	73	0.00
59 T	2-Hexanone	0.153	0.146	4.6	61	0.00
60 T	Dibromochloromethane	0.290	0.288	0.7	65	0.00
61 T	1,2-Dibromoethane	0.204	0.200	2.0	65	0.00
62 S	4-Bromofluorobenzene	0.403	0.406	-0.7	70	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	69	0.00
64 T	Tetrachloroethene	0.310	0.296	4.5	65	0.00
65 PM	Chlorobenzene	0.984	0.939	4.6	65	0.00
66 T	1,1,1,2-Tetrachloroethane	0.341	0.325	4.7	65	0.00
67 C	Ethyl Benzene	1.748	1.664	4.8#	65	0.00
68 T	m/p-Xylenes	0.661	0.620	6.2	64	0.00
69 T	o-Xylene	0.646	0.611	5.4	64	0.00
70 T	Styrene	1.091	1.047	4.0	65	0.00
71 P	Bromoform	0.195	0.188	3.6	64	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	69	0.00
73 T	Isopropylbenzene	3.627	3.345	7.8	64	0.00
74 T	N-amyl acetate	0.987	0.977	1.0	66	0.00
75 P	1,1,2,2-Tetrachloroethane	0.644	0.646	-0.3	67	0.00
76 T	1,2,3-Trichloropropane	0.469	0.458	2.3	60	0.00
77 T	Bromobenzene	0.804	0.764	5.0	64	0.00
78 T	n-propylbenzene	4.299	3.968	7.7	63	0.00
79 T	2-Chlorotoluene	2.506	2.365	5.6	65	0.00
80 T	1,3,5-Trimethylbenzene	2.949	2.753	6.6	64	0.00
81 T	trans-1,4-Dichloro-2-butene	0.244	0.214	12.3	58	0.00
82 T	4-Chlorotoluene	2.576	2.411	6.4	64	0.00
83 T	tert-Butylbenzene	2.670	2.558	4.2	66	0.00
84 T	1,2,4-Trimethylbenzene	2.919	2.741	6.1	64	0.00
85 T	sec-Butylbenzene	3.878	3.576	7.8	63	0.00
86 T	p-Isopropyltoluene	3.173	2.907	8.4	63	0.00
87 T	1,3-Dichlorobenzene	1.563	1.457	6.8	64	0.00
88 T	1,4-Dichlorobenzene	1.551	1.438	7.3	63	0.00
89 T	n-Butylbenzene	3.033	2.675	11.8	60	0.00
90 T	Hexachloroethane	0.660	0.615	6.8	64	0.00
91 T	1,2-Dichlorobenzene	1.395	1.325	5.0	64	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.107	0.106	0.9	66	0.00
93 T	1,2,4-Trichlorobenzene	0.848	0.720	15.1	57	0.00
94 T	Hexachlorobutadiene	0.453	0.368	18.8	57	0.00
95 T	Naphthalene	1.699	1.594	6.2	61	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.726	0.633	12.8	58	0.00

(#) = Out of Range

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