

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019776.D
 Acq On : 03 Oct 2024 09:44
 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 04 01:21:22 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	41#	0.00
2 T	Dichlorodifluoromethane	0.316	0.225	28.8#	35#	0.00
3 P	Chloromethane	0.414	0.374	9.7	39#	0.00
4 C	Vinyl Chloride	0.447	0.449	-0.4#	41#	0.00
5 T	Bromomethane	0.275	0.313	-13.8	46#	0.00
6 T	Chloroethane	0.292	0.328	-12.3	46#	0.00
7 T	Trichlorofluoromethane	0.746	0.774	-3.8	44#	0.00
8 T	Diethyl Ether	0.250	0.248	0.8	39#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.461	0.483	-4.8	44#	0.01
10 T	Methyl Iodide	0.591	0.495	16.2	33#	0.00
11 T	Tert butyl alcohol	0.037	0.039	-5.4	40#	0.01
12 CM	1,1-Dichloroethene	0.444	0.440	0.9#	41#	0.00
13 T	Acrolein	0.020	0.008	60.0#	20#	0.00
14 T	Allyl chloride	0.796	0.793	0.4	40#	0.00
15 T	Acrylonitrile	0.108	0.110	-1.9	39#	0.00
16 T	Acetone	0.110	0.130	-18.2	43#	0.00
17 T	Carbon Disulfide	1.199	1.061	11.5	34#	0.00
18 T	Methyl Acetate	0.299	0.295	1.3	35#	0.00
19 T	Methyl tert-butyl Ether	1.256	1.291	-2.8	41#	0.00
20 T	Methylene Chloride	0.503	0.493	2.0	40#	0.01
21 T	trans-1,2-Dichloroethene	0.486	0.487	-0.2	40#	0.01
22 T	Diisopropyl ether	1.634	1.743	-6.7	42#	0.00
23 T	Vinyl Acetate	0.933	0.967	-3.6	41#	0.00
24 P	1,1-Dichloroethane	0.917	0.988	-7.7	43#	0.00
25 T	2-Butanone	0.157	0.168	-7.0	41#	0.00
26 T	2,2-Dichloropropane	0.827	0.910	-10.0	45#	0.00
27 T	cis-1,2-Dichloroethene	0.591	0.620	-4.9	42#	0.00
28 T	Bromochloromethane	0.386	0.486	-25.9#	49#	0.00
29 T	Tetrahydrofuran	0.095	0.094	1.1	38#	0.00
30 C	Chloroform	0.936	1.031	-10.1#	44#	0.00
31 T	Cyclohexane	0.829	0.771	7.0	40#	0.00
32 T	1,1,1-Trichloroethane	0.839	0.899	-7.2	44#	0.00
33 S	1,2-Dichloroethane-d4	0.463	0.528	-14.0	45#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	42#	0.00
35 S	Dibromofluoromethane	0.283	0.307	-8.5	44#	0.00
36 T	1,1-Dichloropropene	0.386	0.401	-3.9	42#	0.00
37 T	Ethyl Acetate	0.198	0.193	2.5	38#	0.00
38 T	Carbon Tetrachloride	0.435	0.458	-5.3	44#	0.00
39 T	Methylcyclohexane	0.513	0.497	3.1	40#	0.00
40 TM	Benzene	1.188	1.223	-2.9	42#	0.00
41 T	Methacrylonitrile	0.115	0.095	17.4	30#	0.00
42 TM	1,2-Dichloroethane	0.320	0.348	-8.7	44#	0.00
43 T	Isopropyl Acetate	0.415	0.406	2.2	39#	0.00
44 TM	Trichloroethene	0.306	0.310	-1.3	41#	0.00
45 C	1,2-Dichloropropane	0.290	0.304	-4.8#	43#	0.00
46 T	Dibromomethane	0.159	0.168	-5.7	42#	0.00
47 T	Bromodichloromethane	0.427	0.457	-7.0	43#	0.00
48 T	Methyl methacrylate	0.196	0.184	6.1	36#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	39#	0.00
50 S	Toluene-d8	1.049	1.102	-5.1	42#	0.00
51 T	4-Methyl-2-Pentanone	0.209	0.207	1.0	39#	0.00
52 CM	Toluene	0.764	0.792	-3.7#	42#	0.00
53 T	t-1,3-Dichloropropene	0.407	0.408	-0.2	40#	0.00
54 T	cis-1,3-Dichloropropene	0.474	0.483	-1.9	41#	0.00
55 T	1,1,2-Trichloroethane	0.219	0.227	-3.7	41#	0.00
56 T	Ethyl methacrylate	0.333	0.324	2.7	39#	0.00
57 T	1,3-Dichloropropane	0.377	0.384	-1.9	41#	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.169	-9.0	44#	0.00
59 T	2-Hexanone	0.153	0.149	2.6	38#	0.00
60 T	Dibromochloromethane	0.290	0.294	-1.4	40#	0.00
61 T	1,2-Dibromoethane	0.204	0.201	1.5	39#	0.00
62 S	4-Bromofluorobenzene	0.403	0.401	0.5	42#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	41#	0.00
64 T	Tetrachloroethene	0.310	0.310	0.0	40#	0.00
65 PM	Chlorobenzene	0.984	1.038	-5.5	42#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.341	0.362	-6.2	43#	0.00
67 C	Ethyl Benzene	1.748	1.867	-6.8#	43#	0.00
68 T	m/p-Xylenes	0.661	0.692	-4.7	42#	0.00
69 T	o-Xylene	0.646	0.661	-2.3	41#	0.00
70 T	Styrene	1.091	1.135	-4.0	41#	0.00
71 P	Bromoform	0.195	0.187	4.1	37#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	41#	0.00
73 T	Isopropylbenzene	3.627	3.780	-4.2	43#	0.00
74 T	N-amyl acetate	0.987	0.932	5.6	38#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.644	0.656	-1.9	41#	0.00
76 T	1,2,3-Trichloropropane	0.469	0.438	6.6	35#	0.00
77 T	Bromobenzene	0.804	0.790	1.7	40#	0.00
78 T	n-propylbenzene	4.299	4.558	-6.0	44#	0.00
79 T	2-Chlorotoluene	2.506	2.578	-2.9	42#	0.00
80 T	1,3,5-Trimethylbenzene	2.949	3.057	-3.7	42#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.244	0.211	13.5	35#	0.00
82 T	4-Chlorotoluene	2.576	2.632	-2.2	42#	0.00
83 T	tert-Butylbenzene	2.670	2.746	-2.8	42#	0.00
84 T	1,2,4-Trimethylbenzene	2.919	3.007	-3.0	42#	0.00
85 T	sec-Butylbenzene	3.878	4.085	-5.3	43#	0.00
86 T	p-Isopropyltoluene	3.173	3.329	-4.9	43#	0.00
87 T	1,3-Dichlorobenzene	1.563	1.615	-3.3	42#	0.00
88 T	1,4-Dichlorobenzene	1.551	1.587	-2.3	42#	0.00
89 T	n-Butylbenzene	3.033	3.219	-6.1	44#	0.00
90 T	Hexachloroethane	0.660	0.656	0.6	41#	0.00
91 T	1,2-Dichlorobenzene	1.395	1.407	-0.9	41#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.107	0.098	8.4	37#	0.00
93 T	1,2,4-Trichlorobenzene	0.848	0.801	5.5	38#	0.00
94 T	Hexachlorobutadiene	0.453	0.445	1.8	41#	0.00
95 T	Naphthalene	1.699	1.488	12.4	34#	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.726	0.670	7.7	37#	0.00

(#) = Out of Range

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