

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019656.D
 Acq On : 20 Sep 2024 19:16
 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 20 23:55:16 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	57	0.00
2 T	Dichlorodifluoromethane	0.316	0.254	19.6	55	0.00
3 P	Chloromethane	0.414	0.326	21.3	48#	0.00
4 C	Vinyl Chloride	0.447	0.523	-17.0#	67	0.00
5 T	Bromomethane	0.275	0.175	36.4#	35#	0.00
6 T	Chloroethane	0.292	0.386	-32.2#	75	0.00
7 T	Trichlorofluoromethane	0.746	0.863	-15.7	67	0.00
8 T	Diethyl Ether	0.250	0.304	-21.6	66	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.461	0.500	-8.5	63	0.00
10 T	Methyl Iodide	0.591	0.318	46.2#	30#	-0.01
11 T	Tert butyl alcohol	0.037	0.053	-43.2#	76	0.00
12 CM	1,1-Dichloroethene	0.444	0.497	-11.9#	64	0.00
13 T	Acrolein	0.020	0.000	100.0#	0#	-3.65#
14 T	Allyl chloride	0.796	0.788	1.0	56	-0.01
15 T	Acrylonitrile	0.108	0.133	-23.1	66	0.00
16 T	Acetone	0.110	0.103	6.4	47#	0.00
17 T	Carbon Disulfide	1.199	1.264	-5.4	56	0.00
18 T	Methyl Acetate	0.299	0.912	-205.0#	152#	-0.01
19 T	Methyl tert-butyl Ether	1.256	1.581	-25.9#	69	0.00
20 T	Methylene Chloride	0.503	0.595	-18.3	68	-0.01
21 T	trans-1,2-Dichloroethene	0.486	0.569	-17.1	65	0.00
22 T	Diisopropyl ether	1.634	1.902	-16.4	64	0.00
23 T	Vinyl Acetate	0.933	0.229	75.5#	14#	0.00
24 P	1,1-Dichloroethane	0.917	1.105	-20.5	67	-0.01
25 T	2-Butanone	0.157	0.170	-8.3	57	0.00
26 T	2,2-Dichloropropane	0.827	0.496	40.0#	34#	0.00
27 T	cis-1,2-Dichloroethene	0.591	0.719	-21.7	67	0.00
28 T	Bromochloromethane	0.386	0.482	-24.9	67	0.00
29 T	Tetrahydrofuran	0.095	0.115	-21.1	64	0.00
30 C	Chloroform	0.936	1.186	-26.7#	70	0.00
31 T	Cyclohexane	0.829	0.807	2.7	58	0.00
32 T	1,1,1-Trichloroethane	0.839	1.016	-21.1	68	0.00
33 S	1,2-Dichloroethane-d4	0.463	0.525	-13.4	62	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	62	0.00
35 S	Dibromofluoromethane	0.283	0.286	-1.1	61	0.00
36 T	1,1-Dichloropropene	0.386	0.407	-5.4	64	0.00
37 T	Ethyl Acetate	0.198	0.175	11.6	52	0.00
38 T	Carbon Tetrachloride	0.435	0.460	-5.7	65	0.00
39 T	Methylcyclohexane	0.513	0.498	2.9	60	0.00
40 TM	Benzene	1.188	1.317	-10.9	67	0.00
41 T	Methacrylonitrile	0.115	0.120	-4.3	57	0.00
42 TM	1,2-Dichloroethane	0.320	0.377	-17.8	71	0.00
43 T	Isopropyl Acetate	0.415	0.411	1.0	59	0.00
44 TM	Trichloroethene	0.306	0.339	-10.8	67	0.00
45 C	1,2-Dichloropropane	0.290	0.322	-11.0#	68	0.00
46 T	Dibromomethane	0.159	0.188	-18.2	69	0.00
47 T	Bromodichloromethane	0.427	0.497	-16.4	70	0.00
48 T	Methyl methacrylate	0.196	0.214	-9.2	62	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	74	0.00
50 S	Toluene-d8	1.049	1.022	2.6	58	0.00
51 T	4-Methyl-2-Pentanone	0.209	0.232	-11.0	65	0.00
52 CM	Toluene	0.764	0.854	-11.8#	67	0.00
53 T	t-1,3-Dichloropropene	0.407	0.364	10.6	53	0.00
54 T	cis-1,3-Dichloropropene	0.474	0.432	8.9	54	0.00
55 T	1,1,2-Trichloroethane	0.219	0.253	-15.5	68	0.00
56 T	Ethyl methacrylate	0.333	0.360	-8.1	64	0.00
57 T	1,3-Dichloropropane	0.377	0.427	-13.3	67	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.158	-1.9	61	0.00
59 T	2-Hexanone	0.153	0.151	1.3	57	0.00
60 T	Dibromochloromethane	0.290	0.338	-16.6	69	0.00
61 T	1,2-Dibromoethane	0.204	0.231	-13.2	67	0.00
62 S	4-Bromofluorobenzene	0.403	0.375	6.9	58	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	63	0.00
64 T	Tetrachloroethene	0.310	0.445	-43.5#	90	0.00
65 PM	Chlorobenzene	0.984	1.081	-9.9	68	0.00
66 T	1,1,1,2-Tetrachloroethane	0.341	0.380	-11.4	69	0.00
67 C	Ethyl Benzene	1.748	1.883	-7.7#	67	0.00
68 T	m/p-Xylenes	0.661	0.711	-7.6	67	0.00
69 T	o-Xylene	0.646	0.707	-9.4	68	0.00
70 T	Styrene	1.091	1.186	-8.7	67	0.00
71 P	Bromoform	0.195	0.215	-10.3	66	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	63	0.00
73 T	Isopropylbenzene	3.627	3.868	-6.6	67	0.00
74 T	N-amyl acetate	0.987	0.448	54.6#	28#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.644	0.702	-9.0	66	0.00
76 T	1,2,3-Trichloropropane	0.469	0.486	-3.6	58	0.00
77 T	Bromobenzene	0.804	0.900	-11.9	69	0.00
78 T	n-propylbenzene	4.299	4.530	-5.4	66	0.00
79 T	2-Chlorotoluene	2.506	2.713	-8.3	68	0.00
80 T	1,3,5-Trimethylbenzene	2.949	3.157	-7.1	67	0.00
81 T	trans-1,4-Dichloro-2-butene	0.244	0.148	39.3#	37#	0.00
82 T	4-Chlorotoluene	2.576	2.710	-5.2	66	0.00
83 T	tert-Butylbenzene	2.670	2.864	-7.3	67	0.00
84 T	1,2,4-Trimethylbenzene	2.919	3.207	-9.9	68	0.00
85 T	sec-Butylbenzene	3.878	4.087	-5.4	66	0.00
86 T	p-Isopropyltoluene	3.173	2.473	22.1	49#	0.00
87 T	1,3-Dichlorobenzene	1.563	1.674	-7.1	66	0.00
88 T	1,4-Dichlorobenzene	1.551	1.650	-6.4	66	0.00
89 T	n-Butylbenzene	3.033	3.004	1.0	62	0.00
90 T	Hexachloroethane	0.660	0.696	-5.5	66	0.00
91 T	1,2-Dichlorobenzene	1.395	1.541	-10.5	68	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.107	0.116	-8.4	66	0.00
93 T	1,2,4-Trichlorobenzene	0.848	0.855	-0.8	61	0.00
94 T	Hexachlorobutadiene	0.453	0.432	4.6	60	0.00
95 T	Naphthalene	1.699	1.868	-9.9	65	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.726	0.748	-3.0	62	0.00

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