

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019573.D
 Acq On : 16 Sep 2024 17:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 17 02:16:19 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	0.252	20.3	54	0.00
3 P	Chloromethane	0.414	0.419	-1.2	61	0.00
4 C	Vinyl Chloride	0.447	0.502	-12.3#	64	0.00
5 T	Bromomethane	0.275	0.365	-32.7#	73	0.00
6 T	Chloroethane	0.292	0.362	-24.0	69	0.00
7 T	Trichlorofluoromethane	0.746	0.816	-9.4	63	0.00
8 T	Diethyl Ether	0.250	0.263	-5.2	57	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.461	0.482	-4.6	60	0.00
10 T	Methyl Iodide	0.591	0.584	1.2	54	0.00
11 T	Tert butyl alcohol	0.037	0.041	-10.8	58	0.00
12 CM	1,1-Dichloroethene	0.444	0.465	-4.7#	59	0.00
13 T	Acrolein	0.020	0.015	25.0#	53	0.00
14 T	Allyl chloride	0.796	0.822	-3.3	57	0.00
15 T	Acrylonitrile	0.108	0.116	-7.4	57	0.00
16 T	Acetone	0.110	0.106	3.6	48#	0.00
17 T	Carbon Disulfide	1.199	1.251	-4.3	55	0.00
18 T	Methyl Acetate	0.299	0.290	3.0	48#	0.00
19 T	Methyl tert-butyl Ether	1.256	1.343	-6.9	58	0.00
20 T	Methylene Chloride	0.503	0.555	-10.3	63	0.00
21 T	trans-1,2-Dichloroethene	0.486	0.534	-9.9	60	0.00
22 T	Diisopropyl ether	1.634	1.784	-9.2	60	0.00
23 T	Vinyl Acetate	0.933	0.994	-6.5	58	0.00
24 P	1,1-Dichloroethane	0.917	1.034	-12.8	62	0.00
25 T	2-Butanone	0.157	0.155	1.3	51	0.00
26 T	2,2-Dichloropropane	0.827	0.888	-7.4	60	0.00
27 T	cis-1,2-Dichloroethene	0.591	0.672	-13.7	62	0.00
28 T	Bromochloromethane	0.386	0.436	-13.0	60	0.00
29 T	Tetrahydrofuran	0.095	0.098	-3.2	54	0.00
30 C	Chloroform	0.936	1.088	-16.2#	64	0.00
31 T	Cyclohexane	0.829	0.799	3.6	56	0.00
32 T	1,1,1-Trichloroethane	0.839	0.945	-12.6	63	0.00
33 S	1,2-Dichloroethane-d4	0.463	0.509	-9.9	59	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	59	0.00
35 S	Dibromofluoromethane	0.283	0.287	-1.4	58	0.00
36 T	1,1-Dichloropropene	0.386	0.407	-5.4	61	0.00
37 T	Ethyl Acetate	0.198	0.194	2.0	54	0.00
38 T	Carbon Tetrachloride	0.435	0.456	-4.8	61	0.00
39 T	Methylcyclohexane	0.513	0.506	1.4	58	0.00
40 TM	Benzene	1.188	1.276	-7.4	62	0.00
41 T	Methacrylonitrile	0.115	0.101	12.2	46#	0.00
42 TM	1,2-Dichloroethane	0.320	0.349	-9.1	62	0.00
43 T	Isopropyl Acetate	0.415	0.412	0.7	56	0.00
44 TM	Trichloroethene	0.306	0.315	-2.9	60	0.00
45 C	1,2-Dichloropropane	0.290	0.306	-5.5#	62	0.00
46 T	Dibromomethane	0.159	0.171	-7.5	60	0.00
47 T	Bromodichloromethane	0.427	0.465	-8.9	63	0.00
48 T	Methyl methacrylate	0.196	0.186	5.1	52	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	59	0.00
50 S	Toluene-d8	1.049	1.068	-1.8	58	0.00
51 T	4-Methyl-2-Pentanone	0.209	0.204	2.4	54	0.00
52 CM	Toluene	0.764	0.823	-7.7#	61	0.00
53 T	t-1,3-Dichloropropene	0.407	0.413	-1.5	57	0.00
54 T	cis-1,3-Dichloropropene	0.474	0.490	-3.4	59	0.00
55 T	1,1,2-Trichloroethane	0.219	0.228	-4.1	58	0.00
56 T	Ethyl methacrylate	0.333	0.336	-0.9	57	0.00
57 T	1,3-Dichloropropane	0.377	0.396	-5.0	59	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.169	-9.0	62	0.00
59 T	2-Hexanone	0.153	0.141	7.8	51	0.00
60 T	Dibromochloromethane	0.290	0.311	-7.2	60	0.00
61 T	1,2-Dibromoethane	0.204	0.208	-2.0	58	0.00
62 S	4-Bromofluorobenzene	0.403	0.387	4.0	57	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	58	0.00
64 T	Tetrachloroethene	0.310	0.332	-7.1	62	0.00
65 PM	Chlorobenzene	0.984	1.060	-7.7	62	0.00
66 T	1,1,1,2-Tetrachloroethane	0.341	0.363	-6.5	61	0.00
67 C	Ethyl Benzene	1.748	1.886	-7.9#	62	0.00
68 T	m/p-Xylenes	0.661	0.707	-7.0	62	0.00
69 T	o-Xylene	0.646	0.689	-6.7	61	0.00
70 T	Styrene	1.091	1.160	-6.3	61	0.00
71 P	Bromoform	0.195	0.201	-3.1	57	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	58	0.00
73 T	Isopropylbenzene	3.627	3.873	-6.8	62	0.00
74 T	N-amyl acetate	0.987	0.965	2.2	55	0.00
75 P	1,1,2,2-Tetrachloroethane	0.644	0.665	-3.3	58	0.00
76 T	1,2,3-Trichloropropane	0.469	0.457	2.6	51	0.00
77 T	Bromobenzene	0.804	0.834	-3.7	60	0.00
78 T	n-propylbenzene	4.299	4.547	-5.8	62	0.00
79 T	2-Chlorotoluene	2.506	2.648	-5.7	61	0.00
80 T	1,3,5-Trimethylbenzene	2.949	3.125	-6.0	61	0.00
81 T	trans-1,4-Dichloro-2-butene	0.244	0.216	11.5	50#	0.00
82 T	4-Chlorotoluene	2.576	2.693	-4.5	61	0.00
83 T	tert-Butylbenzene	2.670	2.891	-8.3	63	0.00
84 T	1,2,4-Trimethylbenzene	2.919	3.073	-5.3	61	0.00
85 T	sec-Butylbenzene	3.878	4.133	-6.6	62	0.00
86 T	p-Isopropyltoluene	3.173	3.345	-5.4	61	0.00
87 T	1,3-Dichlorobenzene	1.563	1.637	-4.7	61	0.00
88 T	1,4-Dichlorobenzene	1.551	1.604	-3.4	60	0.00
89 T	n-Butylbenzene	3.033	3.144	-3.7	60	0.00
90 T	Hexachloroethane	0.660	0.691	-4.7	61	0.00
91 T	1,2-Dichlorobenzene	1.395	1.449	-3.9	59	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.107	0.098	8.4	52	0.00
93 T	1,2,4-Trichlorobenzene	0.848	0.774	8.7	52	0.00
94 T	Hexachlorobutadiene	0.453	0.432	4.6	56	0.00
95 T	Naphthalene	1.699	1.533	9.8	50#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.726	0.653	10.1	50	0.00

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