

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017838.D
 Acq On : 03 Apr 2024 16:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 04 09:39:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 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	61	0.00
2 T	Dichlorodifluoromethane	0.334	0.397	-18.9	89	0.01
3 P	Chloromethane	0.653	0.795	-21.7	84	0.00
4 C	Vinyl Chloride	0.853	1.176	-37.9#	96	0.01
5 T	Bromomethane	0.690	0.967	-40.1#	103	0.01
6 T	Chloroethane	0.556	0.850	-52.9#	106	0.01
7 T	Trichlorofluoromethane	0.832	0.933	-12.1	80	0.01
8 T	Diethyl Ether	0.244	0.251	-2.9	71	0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.539	-8.0	77	0.01
10 T	Methyl Iodide	0.542	0.601	-10.9	71	0.01
11 T	Tert butyl alcohol	0.044	0.029	34.1#	60	0.00
12 CM	1,1-Dichloroethene	0.467	0.505	-8.1#	75	0.01
13 T	Acrolein	0.030	0.027	10.0	60	0.02
14 T	Allyl chloride	0.573	0.574	-0.2	69	0.01
15 T	Acrylonitrile	0.103	0.096	6.8	64	0.01
16 T	Acetone	0.089	0.089	0.0	66	0.01
17 T	Carbon Disulfide	1.321	1.381	-4.5	67	0.01
18 T	Methyl Acetate	0.198	0.183	7.6	65	0.01
19 T	Methyl tert-butyl Ether	1.069	1.179	-10.3	76	0.00
20 T	Methylene Chloride	0.662	0.546	17.5	67	0.00
21 T	trans-1,2-Dichloroethene	0.499	0.551	-10.4	75	0.01
22 T	Diisopropyl ether	1.324	1.412	-6.6	73	0.00
23 T	Vinyl Acetate	0.808	0.844	-4.5	71	0.01
24 P	1,1-Dichloroethane	0.878	0.959	-9.2	76	0.01
25 T	2-Butanone	0.127	0.126	0.8	67	0.00
26 T	2,2-Dichloropropane	0.759	0.871	-14.8	83	0.00
27 T	cis-1,2-Dichloroethene	0.590	0.663	-12.4	77	0.01
28 T	Bromochloromethane	0.357	0.320	10.4	53	0.01
29 T	Tetrahydrofuran	0.076	0.072	5.3	64	0.00
30 C	Chloroform	0.911	1.034	-13.5#	80	0.00
31 T	Cyclohexane	0.762	0.772	-1.3	72	0.00
32 T	1,1,1-Trichloroethane	0.776	0.893	-15.1	82	0.00
33 S	1,2-Dichloroethane-d4	0.433	0.438	-1.2	68	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	60	0.00
35 S	Dibromofluoromethane	0.289	0.307	-6.2	68	0.01
36 T	1,1-Dichloropropene	0.422	0.480	-13.7	76	0.00
37 T	Ethyl Acetate	0.182	0.177	2.7	67	0.00
38 T	Carbon Tetrachloride	0.438	0.519	-18.5	81	0.00
39 T	Methylcyclohexane	0.527	0.599	-13.7	75	0.00
40 TM	Benzene	1.299	1.447	-11.4	76	0.00
41 T	Methacrylonitrile	0.108	0.230	-113.0#	137	0.02
42 TM	1,2-Dichloroethane	0.320	0.355	-10.9	76	0.00
43 T	Isopropyl Acetate	0.330	0.342	-3.6	71	0.00
44 TM	Trichloroethene	0.338	0.374	-10.7	76	0.00
45 C	1,2-Dichloropropane	0.302	0.328	-8.6#	75	0.00
46 T	Dibromomethane	0.172	0.182	-5.8	72	0.00
47 T	Bromodichloromethane	0.433	0.490	-13.2	77	0.00
48 T	Methyl methacrylate	0.146	0.156	-6.8	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	65	0.00
50 S	Toluene-d8	1.079	1.156	-7.1	68	0.00
51 T	4-Methyl-2-Pentanone	0.175	0.183	-4.6	70	0.00
52 CM	Toluene	0.788	0.902	-14.5#	78	0.00
53 T	t-1,3-Dichloropropene	0.385	0.425	-10.4	75	0.00
54 T	cis-1,3-Dichloropropene	0.470	0.515	-9.6	75	0.00
55 T	1,1,2-Trichloroethane	0.229	0.241	-5.2	74	0.00
56 T	Ethyl methacrylate	0.290	0.316	-9.0	70	0.00
57 T	1,3-Dichloropropane	0.387	0.423	-9.3	75	0.00
58 T	2-Chloroethyl Vinyl ether	0.152	0.148	2.6	56	0.00
59 T	2-Hexanone	0.120	0.128	-6.7	68	0.00
60 T	Dibromochloromethane	0.288	0.317	-10.1	76	0.00
61 T	1,2-Dibromoethane	0.208	0.224	-7.7	73	0.00
62 S	4-Bromofluorobenzene	0.328	0.343	-4.6	68	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	60	0.00
64 T	Tetrachloroethene	0.436	0.489	-12.2	76	0.00
65 PM	Chlorobenzene	1.026	1.128	-9.9	75	0.00
66 T	1,1,1,2-Tetrachloroethane	0.348	0.396	-13.8	78	0.00
67 C	Ethyl Benzene	1.763	2.060	-16.8#	79	0.00
68 T	m/p-Xylenes	0.669	0.786	-17.5	79	0.00
69 T	o-Xylene	0.621	0.719	-15.8	78	0.00
70 T	Styrene	1.047	1.227	-17.2	77	0.00
71 P	Bromoform	0.193	0.206	-6.7	73	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	58	0.00
73 T	Isopropylbenzene	3.504	4.164	-18.8	80	0.00
74 T	N-amyl acetate	0.702	0.770	-9.7	70	0.00
75 P	1,1,2,2-Tetrachloroethane	0.606	0.635	-4.8	72	0.00
76 T	1,2,3-Trichloropropane	0.456	0.854	-87.3#	123	0.00
77 T	Bromobenzene	0.835	0.915	-9.6	76	0.00
78 T	n-propylbenzene	4.276	5.005	-17.0	78	0.00
79 T	2-Chlorotoluene	2.342	2.699	-15.2	77	0.00
80 T	1,3,5-Trimethylbenzene	2.735	3.203	-17.1	78	0.00
81 T	trans-1,4-Dichloro-2-butene	0.206	0.215	-4.4	68	0.00
82 T	4-Chlorotoluene	2.425	2.663	-9.8	73	0.00
83 T	tert-Butylbenzene	2.486	2.943	-18.4	80	0.00
84 T	1,2,4-Trimethylbenzene	2.724	3.204	-17.6	78	0.00
85 T	sec-Butylbenzene	3.732	4.470	-19.8	80	0.00
86 T	p-Isopropyltoluene	3.119	3.671	-17.7	79	0.00
87 T	1,3-Dichlorobenzene	1.656	1.835	-10.8	77	0.00
88 T	1,4-Dichlorobenzene	1.585	1.716	-8.3	74	0.00
89 T	n-Butylbenzene	2.870	3.365	-17.2	77	0.00
90 T	Hexachloroethane	0.620	0.700	-12.9	78	0.00
91 T	1,2-Dichlorobenzene	1.373	1.504	-9.5	73	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.082	0.080	2.4	66	0.00
93 T	1,2,4-Trichlorobenzene	0.752	0.827	-10.0	71	0.00
94 T	Hexachlorobutadiene	0.456	0.478	-4.8	71	0.00
95 T	Naphthalene	1.246	1.444	-15.9	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.635	0.695	-9.4	70	0.00

(#) = Out of Range

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