

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
 Data File : VY014510.D
 Acq On : 30 Jun 2023 11:59
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 30 23:15:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 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	104	0.00
2 T	Dichlorodifluoromethane	0.405	0.407	-0.5	118	0.00
3 P	Chloromethane	0.579	0.601	-3.8	114	0.00
4 C	Vinyl Chloride	0.667	0.714	-7.0#	116	0.00
5 T	Bromomethane	0.518	0.522	-0.8	115	-0.02
6 T	Chloroethane	0.430	0.460	-7.0	114	-0.01
7 T	Trichlorofluoromethane	0.811	0.872	-7.5	117	-0.01
8 T	Diethyl Ether	0.307	0.319	-3.9	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.484	0.516	-6.6	116	-0.01
10 T	Methyl Iodide	0.552	0.633	-14.7	112	-0.01
11 T	Tert butyl alcohol	0.100	0.077	23.0	94	-0.01
12 CM	1,1-Dichloroethene	0.469	0.510	-8.7#	114	-0.01
13 T	Acrolein	0.063	0.059	6.3	93	0.00
14 T	Allyl chloride	0.707	0.761	-7.6	111	-0.01
15 T	Acrylonitrile	0.176	0.178	-1.1	101	-0.01
16 T	Acetone	0.155	0.190	-22.6	126	-0.01
17 T	Carbon Disulfide	1.429	1.573	-10.1	116	-0.01
18 T	Methyl Acetate	0.707	0.675	4.5	100	0.00
19 T	Methyl tert-butyl Ether	1.348	1.435	-6.5	107	0.00
20 T	Methylene Chloride	0.673	0.634	5.8	115	0.00
21 T	trans-1,2-Dichloroethene	0.531	0.582	-9.6	114	-0.01
22 T	Diisopropyl ether	1.457	1.626	-11.6	111	0.00
23 T	Vinyl Acetate	0.843	0.939	-11.4	107	-0.01
24 P	1,1-Dichloroethane	0.914	0.983	-7.5	112	0.00
25 T	2-Butanone	0.230	0.248	-7.8	106	-0.01
26 T	2,2-Dichloropropane	0.779	0.863	-10.8	119	-0.01
27 T	cis-1,2-Dichloroethene	0.602	0.657	-9.1	112	0.00
28 T	Bromochloromethane	0.384	0.378	1.6	102	0.00
29 T	Tetrahydrofuran	0.148	0.153	-3.4	99	-0.01
30 C	Chloroform	0.954	1.030	-8.0#	113	0.00
31 T	Cyclohexane	0.780	0.845	-8.3	117	0.00
32 T	1,1,1-Trichloroethane	0.815	0.890	-9.2	115	0.00
33 S	1,2-Dichloroethane-d4	0.497	0.479	3.6	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.308	0.317	-2.9	103	0.00
36 T	1,1-Dichloropropene	0.472	0.536	-13.6	116	-0.01
37 T	Ethyl Acetate	0.323	0.332	-2.8	101	-0.01
38 T	Carbon Tetrachloride	0.492	0.553	-12.4	116	0.00
39 T	Methylcyclohexane	0.564	0.658	-16.7	118	0.00
40 TM	Benzene	1.427	1.587	-11.2	113	0.00
41 T	Methacrylonitrile	0.158	0.463	-193.0#	289#	0.02
42 TM	1,2-Dichloroethane	0.420	0.450	-7.1	109	0.00
43 T	Isopropyl Acetate	0.548	0.577	-5.3	103	0.00
44 TM	Trichloroethene	0.398	0.438	-10.1	113	0.00
45 C	1,2-Dichloropropane	0.366	0.404	-10.4#	112	0.00
46 T	Dibromomethane	0.223	0.242	-8.5	110	0.00
47 T	Bromodichloromethane	0.491	0.542	-10.4	112	0.00
48 T	Methyl methacrylate	0.249	0.274	-10.0	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	95	-0.02
50 S	Toluene-d8	1.217	1.247	-2.5	104	0.00
51 T	4-Methyl-2-Pentanone	0.324	0.343	-5.9	101	0.00
52 CM	Toluene	0.898	1.014	-12.9#	114	0.00
53 T	t-1,3-Dichloropropene	0.525	0.587	-11.8	111	0.00
54 T	cis-1,3-Dichloropropene	0.586	0.653	-11.4	112	0.00
55 T	1,1,2-Trichloroethane	0.324	0.350	-8.0	108	0.00
56 T	Ethyl methacrylate	0.441	0.487	-10.4	106	0.00
57 T	1,3-Dichloropropane	0.529	0.573	-8.3	110	0.00
58 T	2-Chloroethyl Vinyl ether	0.214	0.216	-0.9	95	0.00
59 T	2-Hexanone	0.234	0.261	-11.5	105	0.00
60 T	Dibromochloromethane	0.380	0.417	-9.7	110	0.00
61 T	1,2-Dibromoethane	0.317	0.342	-7.9	107	0.00
62 S	4-Bromofluorobenzene	0.423	0.431	-1.9	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.447	0.489	-9.4	113	0.00
65 PM	Chlorobenzene	1.066	1.176	-10.3	113	0.00
66 T	1,1,1,2-Tetrachloroethane	0.405	0.445	-9.9	112	0.00
67 C	Ethyl Benzene	1.817	2.100	-15.6#	116	0.00
68 T	m/p-Xylenes	0.721	0.833	-15.5	115	0.00
69 T	o-Xylene	0.684	0.787	-15.1	114	0.00
70 T	Styrene	1.176	1.359	-15.6	112	0.00
71 P	Bromoform	0.308	0.332	-7.8	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.275	3.813	-16.4	116	0.00
74 T	N-amyl acetate	0.988	1.073	-8.6	105	0.00
75 P	1,1,2,2-Tetrachloroethane	0.840	0.888	-5.7	105	0.00
76 T	1,2,3-Trichloropropane	0.587	1.147	-95.4#	197#	0.00
77 T	Bromobenzene	0.894	0.998	-11.6	112	0.00
78 T	n-propylbenzene	3.995	4.646	-16.3	116	0.00
79 T	2-Chlorotoluene	2.299	2.626	-14.2	115	0.00
80 T	1,3,5-Trimethylbenzene	2.772	3.198	-15.4	114	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.325	-8.0	108	0.00
82 T	4-Chlorotoluene	2.408	2.739	-13.7	115	0.00
83 T	tert-Butylbenzene	2.436	2.827	-16.1	115	0.00
84 T	1,2,4-Trimethylbenzene	2.766	3.236	-17.0	115	0.00
85 T	sec-Butylbenzene	3.595	4.184	-16.4	117	0.00
86 T	p-Isopropyltoluene	3.026	3.547	-17.2	117	0.00
87 T	1,3-Dichlorobenzene	1.749	1.939	-10.9	113	0.00
88 T	1,4-Dichlorobenzene	1.753	1.930	-10.1	114	0.00
89 T	n-Butylbenzene	2.796	3.270	-17.0	118	0.00
90 T	Hexachloroethane	0.599	0.654	-9.2	113	0.00
91 T	1,2-Dichlorobenzene	1.584	1.747	-10.3	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.154	0.153	0.6	100	0.00
93 T	1,2,4-Trichlorobenzene	1.023	1.151	-12.5	113	0.00
94 T	Hexachlorobutadiene	0.629	0.718	-14.1	119	0.00
95 T	Naphthalene	2.177	2.405	-10.5	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.932	1.044	-12.0	112	0.00

(#) = Out of Range

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