

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016081.D
 Acq On : 26 Oct 2023 15:53
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY102623

Quant Time: Oct 27 04:18:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 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	0.345	0.358	-3.8	106	0.00
3 P	Chloromethane	0.423	0.432	-2.1	104	0.00
4 C	Vinyl Chloride	0.483	0.503	-4.1#	106	0.00
5 T	Bromomethane	0.359	0.365	-1.7	106	0.00
6 T	Chloroethane	0.331	0.336	-1.5	103	0.00
7 T	Trichlorofluoromethane	0.773	0.784	-1.4	106	0.00
8 T	Diethyl Ether	0.259	0.267	-3.1	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.466	0.471	-1.1	106	-0.01
10 T	Methyl Iodide	0.596	0.619	-3.9	102	0.00
11 T	Tert butyl alcohol	0.066	0.053	19.7	117	0.00
12 CM	1,1-Dichloroethene	0.427	0.432	-1.2#	103	0.00
13 T	Acrolein	0.062	0.060	3.2	107	0.00
14 T	Allyl chloride	0.668	0.694	-3.9	106	0.00
15 T	Acrylonitrile	0.127	0.135	-6.3	108	0.00
16 T	Acetone	0.135	0.136	-0.7	106	0.00
17 T	Carbon Disulfide	1.182	1.203	-1.8	105	-0.01
18 T	Methyl Acetate	0.476	0.511	-7.4	108	0.00
19 T	Methyl tert-butyl Ether	1.218	1.303	-7.0	108	-0.01
20 T	Methylene Chloride	0.629	0.571	9.2	109	0.00
21 T	trans-1,2-Dichloroethene	0.495	0.504	-1.8	104	0.00
22 T	Diisopropyl ether	1.460	1.536	-5.2	105	-0.01
23 T	Vinyl Acetate	0.782	0.841	-7.5	107	0.00
24 P	1,1-Dichloroethane	0.880	0.900	-2.3	104	-0.01
25 T	2-Butanone	0.182	0.188	-3.3	107	0.00
26 T	2,2-Dichloropropane	0.818	0.828	-1.2	107	0.00
27 T	cis-1,2-Dichloroethene	0.582	0.601	-3.3	106	0.00
28 T	Bromochloromethane	0.360	0.382	-6.1	106	0.00
29 T	Tetrahydrofuran	0.104	0.113	-8.7	108	0.00
30 C	Chloroform	0.929	0.955	-2.8#	105	0.00
31 T	Cyclohexane	0.782	0.778	0.5	107	0.00
32 T	1,1,1-Trichloroethane	0.834	0.855	-2.5	106	0.00
33 S	1,2-Dichloroethane-d4	0.497	0.522	-5.0	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35 S	Dibromofluoromethane	0.316	0.335	-6.0	107	0.00
36 T	1,1-Dichloropropene	0.440	0.453	-3.0	105	0.00
37 T	Ethyl Acetate	0.226	0.242	-7.1	107	0.00
38 T	Carbon Tetrachloride	0.465	0.490	-5.4	106	0.00
39 T	Methylcyclohexane	0.536	0.562	-4.9	105	0.00
40 TM	Benzene	1.246	1.307	-4.9	105	0.00
41 T	Methacrylonitrile	0.118	0.140	-18.6	118	-0.01
42 TM	1,2-Dichloroethane	0.360	0.381	-5.8	106	0.00
43 T	Isopropyl Acetate	0.422	0.460	-9.0	108	0.00
44 TM	Trichloroethene	0.348	0.362	-4.0	105	0.00
45 C	1,2-Dichloropropane	0.315	0.335	-6.3#	105	0.00
46 T	Dibromomethane	0.185	0.197	-6.5	107	0.00
47 T	Bromodichloromethane	0.447	0.475	-6.3	105	0.00
48 T	Methyl methacrylate	0.194	0.215	-10.8	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	109	0.00
50 S	Toluene-d8	1.169	1.261	-7.9	107	0.00
51 T	4-Methyl-2-Pentanone	0.222	0.245	-10.4	107	0.00
52 CM	Toluene	0.800	0.851	-6.4#	105	0.00
53 T	t-1,3-Dichloropropene	0.457	0.495	-8.3	107	0.00
54 T	cis-1,3-Dichloropropene	0.517	0.558	-7.9	106	0.00
55 T	1,1,2-Trichloroethane	0.263	0.278	-5.7	106	0.00
56 T	Ethyl methacrylate	0.338	0.385	-13.9	110	0.00
57 T	1,3-Dichloropropane	0.439	0.470	-7.1	106	0.00
58 T	2-Chloroethyl Vinyl ether	0.168	0.168	0.0	99	0.00
59 T	2-Hexanone	0.164	0.179	-9.1	108	0.00
60 T	Dibromochloromethane	0.322	0.341	-5.9	105	0.00
61 T	1,2-Dibromoethane	0.252	0.271	-7.5	107	0.00
62 S	4-Bromofluorobenzene	0.401	0.436	-8.7	109	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.331	0.340	-2.7	106	0.00
65 PM	Chlorobenzene	0.983	1.029	-4.7	106	0.00
66 T	1,1,1,2-Tetrachloroethane	0.367	0.389	-6.0	104	0.00
67 C	Ethyl Benzene	1.745	1.841	-5.5#	105	0.00
68 T	m/p-Xylenes	0.675	0.713	-5.6	105	0.00
69 T	o-Xylene	0.647	0.684	-5.7	105	0.00
70 T	Styrene	1.078	1.152	-6.9	105	0.00
71 P	Bromoform	0.224	0.241	-7.6	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73 T	Isopropylbenzene	3.519	3.661	-4.0	106	0.00
74 T	N-amyl acetate	0.858	0.942	-9.8	108	0.00
75 P	1,1,2,2-Tetrachloroethane	0.719	0.761	-5.8	108	0.00
76 T	1,2,3-Trichloropropane	0.510	0.510	0.0	105	0.00
77 T	Bromobenzene	0.821	0.857	-4.4	106	0.00
78 T	n-propylbenzene	4.261	4.413	-3.6	106	0.00
79 T	2-Chlorotoluene	2.386	2.479	-3.9	107	0.00
80 T	1,3,5-Trimethylbenzene	2.922	3.067	-5.0	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.235	0.256	-8.9	111	0.00
82 T	4-Chlorotoluene	2.475	2.560	-3.4	106	0.00
83 T	tert-Butylbenzene	2.597	2.754	-6.0	107	0.00
84 T	1,2,4-Trimethylbenzene	2.885	3.048	-5.6	107	0.00
85 T	sec-Butylbenzene	3.868	4.065	-5.1	107	0.00
86 T	p-Isopropyltoluene	3.227	3.393	-5.1	106	0.00
87 T	1,3-Dichlorobenzene	1.658	1.729	-4.3	107	0.00
88 T	1,4-Dichlorobenzene	1.639	1.705	-4.0	107	0.00
89 T	n-Butylbenzene	3.011	3.236	-7.5	109	0.00
90 T	Hexachloroethane	0.628	0.650	-3.5	105	0.00
91 T	1,2-Dichlorobenzene	1.468	1.546	-5.3	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.113	0.123	-8.8	112	0.00
93 T	1,2,4-Trichlorobenzene	0.908	0.988	-8.8	110	0.00
94 T	Hexachlorobutadiene	0.527	0.562	-6.6	110	0.00
95 T	Naphthalene	1.771	2.037	-15.0	113	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.783	0.863	-10.2	111	0.00

(#) = Out of Range

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