

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091923\
 Data File : VY015636.D
 Acq On : 19 Sep 2023 09:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 19 11:22:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 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	81	0.00
2 T	Dichlorodifluoromethane	0.435	0.367	15.6	65	0.00
3 P	Chloromethane	0.577	0.583	-1.0	77	0.00
4 C	Vinyl Chloride	0.672	0.660	1.8#	75	0.01
5 T	Bromomethane	0.478	0.532	-11.3	86	0.01
6 T	Chloroethane	0.442	0.479	-8.4	84	0.00
7 T	Trichlorofluoromethane	0.950	1.018	-7.2	83	0.01
8 T	Diethyl Ether	0.325	0.411	-26.5#	95	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.527	0.600	-13.9	88	0.00
10 T	Methyl Iodide	0.619	0.707	-14.2	83	0.01
11 T	Tert butyl alcohol	0.124	0.153	-23.4	104	0.02
12 CM	1,1-Dichloroethene	0.497	0.579	-16.5#	90	0.01
13 T	Acrolein	0.126	0.122	3.2	56	0.01
14 T	Allyl chloride	0.791	1.014	-28.2#	97	0.00
15 T	Acrylonitrile	0.204	0.279	-36.8#	99	0.00
16 T	Acetone	0.224	0.378	-68.8#	110	0.01
17 T	Carbon Disulfide	1.486	1.658	-11.6	86	0.00
18 T	Methyl Acetate	0.810	1.082	-33.6#	97	0.01
19 T	Methyl tert-butyl Ether	1.615	2.028	-25.6#	93	0.02
20 T	Methylene Chloride	0.892	0.836	6.3	93	0.01
21 T	trans-1,2-Dichloroethene	0.572	0.689	-20.5	93	0.01
22 T	Diisopropyl ether	1.731	2.274	-31.4#	100	0.01
23 T	Vinyl Acetate	1.093	1.464	-33.9#	99	0.01
24 P	1,1-Dichloroethane	1.001	1.260	-25.9#	99	0.02
25 T	2-Butanone	0.317	0.493	-55.5#	107	0.01
26 T	2,2-Dichloropropane	0.850	1.137	-33.8#	104	0.01
27 T	cis-1,2-Dichloroethene	0.649	0.823	-26.8#	97	0.01
28 T	Bromochloromethane	0.307	0.340	-10.7	89	0.01
29 T	Tetrahydrofuran	0.199	0.272	-36.7#	98	0.00
30 C	Chloroform	1.052	1.329	-26.3#	98	0.01
31 T	Cyclohexane	0.952	1.032	-8.4	88	0.00
32 T	1,1,1-Trichloroethane	0.939	1.142	-21.6	94	0.01
33 S	1,2-Dichloroethane-d4	0.536	0.530	1.1	80	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.288	0.313	-8.7	87	0.00
36 T	1,1-Dichloropropene	0.506	0.601	-18.8	94	0.00
37 T	Ethyl Acetate	0.390	0.522	-33.8#	98	0.02
38 T	Carbon Tetrachloride	0.522	0.620	-18.8	93	0.00
39 T	Methylcyclohexane	0.637	0.712	-11.8	87	0.00
40 TM	Benzene	1.411	1.737	-23.1	96	0.01
41 T	Methacrylonitrile	0.183	0.715	-290.7#	284#	0.04
42 TM	1,2-Dichloroethane	0.470	0.562	-19.6	91	0.00
43 T	Isopropyl Acetate	0.674	0.888	-31.8#	97	0.01
44 TM	Trichloroethene	0.399	0.485	-21.6	96	0.00
45 C	1,2-Dichloropropane	0.356	0.464	-30.3#	101	0.00
46 T	Dibromomethane	0.236	0.301	-27.5#	98	0.01
47 T	Bromodichloromethane	0.505	0.646	-27.9#	98	0.01
48 T	Methyl methacrylate	0.309	0.399	-29.1#	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.006	-50.0#	94	0.02
50 S	Toluene-d8	1.043	1.013	2.9	79	0.00
51 T	4-Methyl-2-Pentanone	0.392	0.541	-38.0#	99	0.00
52 CM	Toluene	0.904	1.115	-23.3#	95	0.00
53 T	t-1,3-Dichloropropene	0.537	0.702	-30.7#	98	0.00
54 T	cis-1,3-Dichloropropene	0.584	0.766	-31.2#	100	0.00
55 T	1,1,2-Trichloroethane	0.318	0.412	-29.6#	98	0.00
56 T	Ethyl methacrylate	0.472	0.636	-34.7#	98	0.00
57 T	1,3-Dichloropropane	0.548	0.712	-29.9#	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.168	0.134	20.2	63	0.01
59 T	2-Hexanone	0.294	0.435	-48.0#	103	0.00
60 T	Dibromochloromethane	0.373	0.486	-30.3#	98	0.00
61 T	1,2-Dibromoethane	0.323	0.420	-30.0#	98	0.00
62 S	4-Bromofluorobenzene	0.387	0.399	-3.1	83	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64 T	Tetrachloroethene	0.454	0.558	-22.9	95	0.00
65 PM	Chlorobenzene	1.077	1.319	-22.5	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.509	-29.2#	100	0.00
67 C	Ethyl Benzene	1.935	2.394	-23.7#	97	0.00
68 T	m/p-Xylenes	0.750	0.919	-22.5	95	0.00
69 T	o-Xylene	0.717	0.887	-23.7	96	0.00
70 T	Styrene	1.205	1.533	-27.2#	96	0.00
71 P	Bromoform	0.275	0.370	-34.5#	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	0.00
73 T	Isopropylbenzene	3.756	4.597	-22.4	95	0.00
74 T	N-amyl acetate	1.262	1.668	-32.2#	94	0.00
75 P	1,1,2,2-Tetrachloroethane	0.897	1.188	-32.4#	99	0.00
76 T	1,2,3-Trichloropropane	0.663	1.580	-138.3#	175#	0.00
77 T	Bromobenzene	0.890	1.098	-23.4	96	0.00
78 T	n-propylbenzene	4.544	5.603	-23.3	94	0.00
79 T	2-Chlorotoluene	2.549	3.144	-23.3	95	0.00
80 T	1,3,5-Trimethylbenzene	3.141	3.852	-22.6	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.429	-42.5#	105	0.00
82 T	4-Chlorotoluene	2.649	3.234	-22.1	94	0.00
83 T	tert-Butylbenzene	2.751	3.348	-21.7	93	0.00
84 T	1,2,4-Trimethylbenzene	3.119	3.857	-23.7	94	0.00
85 T	sec-Butylbenzene	4.104	4.932	-20.2	92	0.00
86 T	p-Isopropyltoluene	3.440	4.161	-21.0	92	0.00
87 T	1,3-Dichlorobenzene	1.756	2.153	-22.6	94	0.00
88 T	1,4-Dichlorobenzene	1.775	2.142	-20.7	94	0.00
89 T	n-Butylbenzene	3.237	3.887	-20.1	92	0.00
90 T	Hexachloroethane	0.615	0.768	-24.9	96	0.00
91 T	1,2-Dichlorobenzene	1.603	1.956	-22.0	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.177	0.224	-26.6#	91	0.00
93 T	1,2,4-Trichlorobenzene	1.006	1.164	-15.7	87	0.00
94 T	Hexachlorobutadiene	0.549	0.597	-8.7	86	0.00
95 T	Naphthalene	2.493	3.027	-21.4	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	1.053	-14.7	87	0.00

(#) = Out of Range

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