

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015583.D
 Acq On : 15 Sep 2023 20:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 18 09:23:38 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	91	0.00
2 T	Dichlorodifluoromethane	0.435	0.326	25.1#	65	0.00
3 P	Chloromethane	0.577	0.542	6.1	80	0.00
4 C	Vinyl Chloride	0.672	0.604	10.1#	77	0.00
5 T	Bromomethane	0.478	0.468	2.1	85	0.01
6 T	Chloroethane	0.442	0.435	1.6	86	0.00
7 T	Trichlorofluoromethane	0.950	0.906	4.6	83	0.00
8 T	Diethyl Ether	0.325	0.373	-14.8	97	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.527	0.530	-0.6	87	0.00
10 T	Methyl Iodide	0.619	0.572	7.6	75	0.00
11 T	Tert butyl alcohol	0.124	0.124	0.0	95	0.04
12 CM	1,1-Dichloroethene	0.497	0.510	-2.6#	89	0.00
13 T	Acrolein	0.126	0.084	33.3#	44#	0.02
14 T	Allyl chloride	0.791	0.893	-12.9	96	0.00
15 T	Acrylonitrile	0.204	0.276	-35.3#	109	0.00
16 T	Acetone	0.224	0.296	-32.1#	97	0.02
17 T	Carbon Disulfide	1.486	1.489	-0.2	86	0.00
18 T	Methyl Acetate	0.810	1.204	-48.6#	121	0.02
19 T	Methyl tert-butyl Ether	1.615	1.887	-16.8	97	0.02
20 T	Methylene Chloride	0.892	0.865	3.0	108	0.01
21 T	trans-1,2-Dichloroethene	0.572	0.617	-7.9	93	0.01
22 T	Diisopropyl ether	1.731	1.996	-15.3	99	0.01
23 T	Vinyl Acetate	1.093	1.230	-12.5	93	0.01
24 P	1,1-Dichloroethane	1.001	1.114	-11.3	98	0.02
25 T	2-Butanone	0.317	0.431	-36.0#	105	0.01
26 T	2,2-Dichloropropane	0.850	0.848	0.2	87	0.01
27 T	cis-1,2-Dichloroethene	0.649	0.729	-12.3	96	0.01
28 T	Bromochloromethane	0.307	0.282	8.1	83	0.01
29 T	Tetrahydrofuran	0.199	0.277	-39.2#	111	0.00
30 C	Chloroform	1.052	1.180	-12.2#	98	0.01
31 T	Cyclohexane	0.952	0.923	3.0	88	0.00
32 T	1,1,1-Trichloroethane	0.939	1.004	-6.9	92	0.01
33 S	1,2-Dichloroethane-d4	0.536	0.525	2.1	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.288	0.286	0.7	92	0.00
36 T	1,1-Dichloropropene	0.506	0.515	-1.8	93	0.00
37 T	Ethyl Acetate	0.390	0.501	-28.5#	109	0.02
38 T	Carbon Tetrachloride	0.522	0.523	-0.2	91	0.00
39 T	Methylcyclohexane	0.637	0.621	2.5	88	0.00
40 TM	Benzene	1.411	1.493	-5.8	95	0.01
41 T	Methacrylonitrile	0.183	0.702	-283.6#	323#	0.04
42 TM	1,2-Dichloroethane	0.470	0.503	-7.0	94	0.00
43 T	Isopropyl Acetate	0.674	0.820	-21.7	103	0.01
44 TM	Trichloroethene	0.399	0.431	-8.0	98	0.00
45 C	1,2-Dichloropropane	0.356	0.391	-9.8#	98	0.00
46 T	Dibromomethane	0.236	0.263	-11.4	99	0.01
47 T	Bromodichloromethane	0.505	0.558	-10.5	98	0.00
48 T	Methyl methacrylate	0.309	0.374	-21.0	101	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.006	-50.0#	117	0.02
50 S	Toluene-d8	1.043	0.942	9.7	86	0.00
51 T	4-Methyl-2-Pentanone	0.392	0.524	-33.7#	111	0.00
52 CM	Toluene	0.904	0.972	-7.5#	96	0.00
53 T	t-1,3-Dichloropropene	0.537	0.600	-11.7	97	0.00
54 T	cis-1,3-Dichloropropene	0.584	0.644	-10.3	97	0.00
55 T	1,1,2-Trichloroethane	0.318	0.363	-14.2	100	0.00
56 T	Ethyl methacrylate	0.472	0.568	-20.3	102	0.00
57 T	1,3-Dichloropropane	0.548	0.624	-13.9	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.168	0.161	4.2	87	0.00
59 T	2-Hexanone	0.294	0.404	-37.4#	111	0.00
60 T	Dibromochloromethane	0.373	0.430	-15.3	101	0.00
61 T	1,2-Dibromoethane	0.323	0.379	-17.3	102	0.00
62 S	4-Bromofluorobenzene	0.387	0.379	2.1	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.454	0.534	-17.6	106	0.00
65 PM	Chlorobenzene	1.077	1.127	-4.6	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.426	-8.1	98	0.00
67 C	Ethyl Benzene	1.935	2.023	-4.5#	96	0.00
68 T	m/p-Xylenes	0.750	0.785	-4.7	96	0.00
69 T	o-Xylene	0.717	0.763	-6.4	97	0.00
70 T	Styrene	1.205	1.307	-8.5	96	0.00
71 P	Bromoform	0.275	0.327	-18.9	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.756	3.797	-1.1	94	0.00
74 T	N-amyl acetate	1.262	1.484	-17.6	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.897	1.024	-14.2	103	0.00
76 T	1,2,3-Trichloropropane	0.663	1.398	-110.9#	186#	0.00
77 T	Bromobenzene	0.890	0.921	-3.5	96	0.00
78 T	n-propylbenzene	4.544	4.612	-1.5	93	0.00
79 T	2-Chlorotoluene	2.549	2.605	-2.2	95	0.00
80 T	1,3,5-Trimethylbenzene	3.141	3.188	-1.5	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.358	-18.9	105	0.00
82 T	4-Chlorotoluene	2.649	2.740	-3.4	95	0.00
83 T	tert-Butylbenzene	2.751	2.718	1.2	91	0.00
84 T	1,2,4-Trimethylbenzene	3.119	3.212	-3.0	94	0.00
85 T	sec-Butylbenzene	4.104	4.127	-0.6	93	0.00
86 T	p-Isopropyltoluene	3.440	3.479	-1.1	92	0.00
87 T	1,3-Dichlorobenzene	1.756	1.821	-3.7	96	0.00
88 T	1,4-Dichlorobenzene	1.775	1.822	-2.6	96	0.00
89 T	n-Butylbenzene	3.237	3.246	-0.3	92	0.00
90 T	Hexachloroethane	0.615	0.646	-5.0	97	0.00
91 T	1,2-Dichlorobenzene	1.603	1.691	-5.5	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.177	0.221	-24.9	108	0.00
93 T	1,2,4-Trichlorobenzene	1.006	1.057	-5.1	94	0.00
94 T	Hexachlorobutadiene	0.549	0.522	4.9	90	0.00
95 T	Naphthalene	2.493	3.015	-20.9	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	0.993	-8.2	99	0.00

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