

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013461.D
 Acq On : 26 Apr 2023 09:51
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 27 01:46:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 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	0.475	0.529	-11.4	98	0.00
3 P	Chloromethane	0.637	0.583	8.5	85	0.00
4 C	Vinyl Chloride	0.634	0.571	9.9#	84	0.00
5 T	Bromomethane	0.506	0.455	10.1	88	0.00
6 T	Chloroethane	0.438	0.376	14.2	82	0.00
7 T	Trichlorofluoromethane	0.961	0.979	-1.9	93	0.00
8 T	Diethyl Ether	0.327	0.321	1.8	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.549	-1.9	95	0.01
10 T	Methyl Iodide	0.677	0.688	-1.6	85	0.00
11 T	Tert butyl alcohol	0.066	0.052	21.2	83	-0.01
12 CM	1,1-Dichloroethene	0.520	0.526	-1.2#	91	0.00
13 T	Acrolein	0.054	0.049	9.3	98	0.00
14 T	Allyl chloride	0.964	0.942	2.3	87	0.00
15 T	Acrylonitrile	0.183	0.184	-0.5	88	0.00
16 T	Acetone	0.216	0.237	-9.7	91	0.00
17 T	Carbon Disulfide	1.688	1.745	-3.4	92	0.00
18 T	Methyl Acetate	0.713	0.683	4.2	86	0.00
19 T	Methyl tert-butyl Ether	1.500	1.521	-1.4	89	0.00
20 T	Methylene Chloride	0.924	0.668	27.7#	91	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.603	-6.2	94	0.00
22 T	Diisopropyl ether	1.885	1.998	-6.0	95	0.00
23 T	Vinyl Acetate	1.067	1.049	1.7	85	0.00
24 P	1,1-Dichloroethane	1.050	1.095	-4.3	94	0.00
25 T	2-Butanone	0.274	0.292	-6.6	92	0.00
26 T	2,2-Dichloropropane	0.905	0.948	-4.8	95	0.00
27 T	cis-1,2-Dichloroethene	0.628	0.661	-5.3	95	0.00
28 T	Bromochloromethane	0.373	0.364	2.4	90	0.00
29 T	Tetrahydrofuran	0.170	0.171	-0.6	88	0.00
30 C	Chloroform	1.044	1.143	-9.5#	100	0.00
31 T	Cyclohexane	0.981	0.954	2.8	92	0.00
32 T	1,1,1-Trichloroethane	0.932	0.992	-6.4	96	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.541	1.3	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.314	0.329	-4.8	98	0.00
36 T	1,1-Dichloropropene	0.522	0.568	-8.8	96	0.00
37 T	Ethyl Acetate	0.393	0.385	2.0	83	0.00
38 T	Carbon Tetrachloride	0.547	0.612	-11.9	98	0.00
39 T	Methylcyclohexane	0.615	0.671	-9.1	94	0.00
40 TM	Benzene	1.470	1.625	-10.5	97	0.00
41 T	Methacrylonitrile	0.183	0.183	0.0	86	0.00
42 TM	1,2-Dichloroethane	0.481	0.532	-10.6	96	0.00
43 T	Isopropyl Acetate	0.663	0.671	-1.2	87	0.00
44 TM	Trichloroethene	0.391	0.424	-8.4	95	0.00
45 C	1,2-Dichloropropane	0.384	0.426	-10.9#	97	0.00
46 T	Dibromomethane	0.230	0.253	-10.0	96	0.00
47 T	Bromodichloromethane	0.515	0.591	-14.8	100	0.00
48 T	Methyl methacrylate	0.304	0.329	-8.2	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	88	0.00
50 S	Toluene-d8	1.119	1.130	-1.0	95	0.00
51 T	4-Methyl-2-Pentanone	0.369	0.379	-2.7	86	0.00
52 CM	Toluene	0.885	0.981	-10.8#	96	0.00
53 T	t-1,3-Dichloropropene	0.545	0.583	-7.0	91	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.651	-6.2	92	0.00
55 T	1,1,2-Trichloroethane	0.305	0.332	-8.9	95	0.00
56 T	Ethyl methacrylate	0.423	0.459	-8.5	90	0.00
57 T	1,3-Dichloropropane	0.516	0.558	-8.1	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.158	0.150	5.1	89	0.00
59 T	2-Hexanone	0.269	0.298	-10.8	90	0.00
60 T	Dibromochloromethane	0.370	0.407	-10.0	94	0.00
61 T	1,2-Dibromoethane	0.299	0.317	-6.0	91	0.00
62 S	4-Bromofluorobenzene	0.377	0.381	-1.1	95	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.380	0.404	-6.3	94	0.00
65 PM	Chlorobenzene	1.089	1.189	-9.2	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.450	-10.6	98	0.00
67 C	Ethyl Benzene	1.913	2.116	-10.6#	96	0.00
68 T	m/p-Xylenes	0.727	0.820	-12.8	98	0.00
69 T	o-Xylene	0.688	0.770	-11.9	96	0.00
70 T	Styrene	1.150	1.311	-14.0	98	0.00
71 P	Bromoform	0.285	0.304	-6.7	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.782	4.084	-8.0	96	0.00
74 T	N-amyl acetate	1.346	1.389	-3.2	87	0.00
75 P	1,1,2,2-Tetrachloroethane	0.924	0.971	-5.1	93	0.00
76 T	1,2,3-Trichloropropane	0.674	0.616	8.6	80	0.00
77 T	Bromobenzene	0.916	1.008	-10.0	98	0.00
78 T	n-propylbenzene	4.658	5.127	-10.1	97	0.00
79 T	2-Chlorotoluene	2.601	2.856	-9.8	98	0.00
80 T	1,3,5-Trimethylbenzene	3.087	3.415	-10.6	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.330	0.341	-3.3	88	0.00
82 T	4-Chlorotoluene	2.711	2.926	-7.9	96	0.00
83 T	tert-Butylbenzene	2.674	2.887	-8.0	95	0.00
84 T	1,2,4-Trimethylbenzene	3.001	3.380	-12.6	98	0.00
85 T	sec-Butylbenzene	4.014	4.374	-9.0	97	0.00
86 T	p-Isopropyltoluene	3.228	3.594	-11.3	99	0.00
87 T	1,3-Dichlorobenzene	1.746	1.912	-9.5	98	0.00
88 T	1,4-Dichlorobenzene	1.764	1.914	-8.5	99	0.00
89 T	n-Butylbenzene	3.150	3.473	-10.3	98	0.00
90 T	Hexachloroethane	0.679	0.728	-7.2	98	0.00
91 T	1,2-Dichlorobenzene	1.577	1.751	-11.0	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.169	-3.7	94	0.00
93 T	1,2,4-Trichlorobenzene	0.940	1.073	-14.1	103	0.00
94 T	Hexachlorobutadiene	0.547	0.628	-14.8	107	0.00
95 T	Naphthalene	2.039	2.338	-14.7	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.983	-17.3	104	0.00

(#) = Out of Range

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