

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
 Data File : VY013529.D
 Acq On : 28 Apr 2023 17:38
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 28 23:14:58 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	120	0.00
2 T	Dichlorodifluoromethane	0.475	0.505	-6.3	124	0.00
3 P	Chloromethane	0.637	0.614	3.6	118	0.00
4 C	Vinyl Chloride	0.634	0.612	3.5#	118	0.00
5 T	Bromomethane	0.506	0.449	11.3	114	0.00
6 T	Chloroethane	0.438	0.402	8.2	116	0.00
7 T	Trichlorofluoromethane	0.961	0.958	0.3	121	0.00
8 T	Diethyl Ether	0.327	0.296	9.5	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.530	1.7	122	0.00
10 T	Methyl Iodide	0.677	0.600	11.4	98	0.00
11 T	Tert butyl alcohol	0.066	0.042	36.4#	88	0.02
12 CM	1,1-Dichloroethene	0.520	0.506	2.7#	116	0.00
13 T	Acrolein	0.054	0.029	46.3#	78	0.00
14 T	Allyl chloride	0.964	0.924	4.1	113	0.00
15 T	Acrylonitrile	0.183	0.158	13.7	100	0.00
16 T	Acetone	0.216	0.189	12.5	96	0.00
17 T	Carbon Disulfide	1.688	1.578	6.5	110	0.00
18 T	Methyl Acetate	0.713	0.583	18.2	97	0.00
19 T	Methyl tert-butyl Ether	1.500	1.382	7.9	107	0.00
20 T	Methylene Chloride	0.924	0.656	29.0#	118	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.568	0.0	117	0.00
22 T	Diisopropyl ether	1.885	1.919	-1.8	120	0.00
23 T	Vinyl Acetate	1.067	1.022	4.2	109	0.00
24 P	1,1-Dichloroethane	1.050	1.069	-1.8	121	0.00
25 T	2-Butanone	0.274	0.234	14.6	97	0.00
26 T	2,2-Dichloropropane	0.905	0.932	-3.0	123	0.00
27 T	cis-1,2-Dichloroethene	0.628	0.639	-1.8	121	0.00
28 T	Bromochloromethane	0.373	0.368	1.3	120	0.00
29 T	Tetrahydrofuran	0.170	0.138	18.8	93	0.00
30 C	Chloroform	1.044	1.076	-3.1#	124	0.00
31 T	Cyclohexane	0.981	0.942	4.0	120	0.00
32 T	1,1,1-Trichloroethane	0.932	0.969	-4.0	124	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.516	5.8	119	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	118	0.00
35 S	Dibromofluoromethane	0.314	0.311	1.0	124	0.00
36 T	1,1-Dichloropropene	0.522	0.540	-3.4	122	0.00
37 T	Ethyl Acetate	0.393	0.331	15.8	95	0.00
38 T	Carbon Tetrachloride	0.547	0.581	-6.2	124	0.00
39 T	Methylcyclohexane	0.615	0.650	-5.7	122	0.00
40 TM	Benzene	1.470	1.524	-3.7	121	0.00
41 T	Methacrylonitrile	0.183	0.192	-4.9	120	0.00
42 TM	1,2-Dichloroethane	0.481	0.484	-0.6	117	0.00
43 T	Isopropyl Acetate	0.663	0.585	11.8	101	0.00
44 TM	Trichloroethene	0.391	0.406	-3.8	121	0.00
45 C	1,2-Dichloropropane	0.384	0.402	-4.7#	122	0.00
46 T	Dibromomethane	0.230	0.226	1.7	114	0.00
47 T	Bromodichloromethane	0.515	0.543	-5.4	123	0.00
48 T	Methyl methacrylate	0.304	0.286	5.9	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	97	0.00
50 S	Toluene-d8	1.119	1.102	1.5	124	0.00
51 T	4-Methyl-2-Pentanone	0.369	0.332	10.0	101	0.00
52 CM	Toluene	0.885	0.936	-5.8#	122	0.00
53 T	t-1,3-Dichloropropene	0.545	0.558	-2.4	117	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.629	-2.6	119	0.00
55 T	1,1,2-Trichloroethane	0.305	0.301	1.3	115	0.00
56 T	Ethyl methacrylate	0.423	0.427	-0.9	111	0.00
57 T	1,3-Dichloropropane	0.516	0.530	-2.7	120	0.00
58 T	2-Chloroethyl Vinyl ether	0.158	0.144	8.9	114	0.00
59 T	2-Hexanone	0.269	0.247	8.2	100	0.00
60 T	Dibromochloromethane	0.370	0.371	-0.3	114	0.00
61 T	1,2-Dibromoethane	0.299	0.295	1.3	113	0.00
62 S	4-Bromofluorobenzene	0.377	0.406	-7.7	136	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	124	0.00
64 T	Tetrachloroethene	0.380	0.376	1.1	121	0.00
65 PM	Chlorobenzene	1.089	1.105	-1.5	125	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.421	-3.4	128	0.00
67 C	Ethyl Benzene	1.913	2.056	-7.5#	130	0.00
68 T	m/p-Xylenes	0.727	0.757	-4.1	126	0.00
69 T	o-Xylene	0.688	0.728	-5.8	126	0.00
70 T	Styrene	1.150	1.233	-7.2	128	0.00
71 P	Bromoform	0.285	0.268	6.0	114	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	125	0.00
73 T	Isopropylbenzene	3.782	4.009	-6.0	128	0.00
74 T	N-amyl acetate	1.346	1.274	5.3	109	0.00
75 P	1,1,2,2-Tetrachloroethane	0.924	0.838	9.3	109	0.00
76 T	1,2,3-Trichloropropane	0.674	0.634	5.9	112	0.00
77 T	Bromobenzene	0.916	0.953	-4.0	126	0.00
78 T	n-propylbenzene	4.658	4.956	-6.4	128	0.00
79 T	2-Chlorotoluene	2.601	2.712	-4.3	126	0.00
80 T	1,3,5-Trimethylbenzene	3.087	3.293	-6.7	128	0.00
81 T	trans-1,4-Dichloro-2-butene	0.330	0.293	11.2	103	0.00
82 T	4-Chlorotoluene	2.711	2.852	-5.2	127	0.00
83 T	tert-Butylbenzene	2.674	2.872	-7.4	129	0.00
84 T	1,2,4-Trimethylbenzene	3.001	3.240	-8.0	128	0.00
85 T	sec-Butylbenzene	4.014	4.267	-6.3	129	0.00
86 T	p-Isopropyltoluene	3.228	3.489	-8.1	130	0.00
87 T	1,3-Dichlorobenzene	1.746	1.816	-4.0	128	0.00
88 T	1,4-Dichlorobenzene	1.764	1.809	-2.6	127	0.00
89 T	n-Butylbenzene	3.150	3.480	-10.5	134	0.00
90 T	Hexachloroethane	0.679	0.679	0.0	125	0.00
91 T	1,2-Dichlorobenzene	1.577	1.636	-3.7	126	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.148	9.2	112	0.00
93 T	1,2,4-Trichlorobenzene	0.940	1.037	-10.3	136	0.00
94 T	Hexachlorobutadiene	0.547	0.611	-11.7	142	0.00
95 T	Naphthalene	2.039	2.104	-3.2	122	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.923	-10.1	134	0.00

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