

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012523\
 Data File : VY012364.D
 Acq On : 25 Jan 2023 18:14
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 26 04:10:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 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	85	0.00
2 T	Dichlorodifluoromethane	0.437	0.345	21.1	79	0.00
3 P	Chloromethane	0.403	0.322	20.1	75	0.00
4 C	Vinyl Chloride	0.471	0.402	14.6#	79	0.00
5 T	Bromomethane	0.364	0.325	10.7	83	0.00
6 T	Chloroethane	0.307	0.293	4.6	87	0.00
7 T	Trichlorofluoromethane	0.919	0.876	4.7	89	0.00
8 T	Diethyl Ether	0.273	0.268	1.8	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.447	0.429	4.0	90	0.00
10 T	Methyl Iodide	0.680	0.623	8.4	78	0.00
11 T	Tert butyl alcohol	0.057	0.054	5.3	101	0.01
12 CM	1,1-Dichloroethene	0.459	0.432	5.9#	84	0.00
13 T	Acrolein	0.023	0.021	8.7	108	0.00
14 T	Allyl chloride	0.568	0.529	6.9	83	0.00
15 T	Acrylonitrile	0.119	0.127	-6.7	93	0.00
16 T	Acetone	0.139	0.138	0.7	76	0.00
17 T	Carbon Disulfide	1.420	1.241	12.6	79	0.00
18 T	Methyl Acetate	0.312	0.331	-6.1	94	0.00
19 T	Methyl tert-butyl Ether	1.280	1.319	-3.0	88	0.00
20 T	Methylene Chloride	0.762	0.541	29.0#	81	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.491	4.1	85	0.00
22 T	Diisopropyl ether	1.132	1.107	2.2	86	0.00
23 T	Vinyl Acetate	0.705	0.718	-1.8	87	0.00
24 P	1,1-Dichloroethane	0.785	0.762	2.9	86	0.00
25 T	2-Butanone	0.154	0.157	-1.9	85	0.00
26 T	2,2-Dichloropropane	0.852	0.839	1.5	88	0.00
27 T	cis-1,2-Dichloroethene	0.563	0.564	-0.2	88	0.00
28 T	Bromochloromethane	0.171	0.155	9.4	83	0.00
29 T	Tetrahydrofuran	0.084	0.091	-8.3	91	0.00
30 C	Chloroform	0.927	0.931	-0.4#	88	0.00
31 T	Cyclohexane	0.729	0.639	12.3	86	0.00
32 T	1,1,1-Trichloroethane	0.918	0.914	0.4	88	0.00
33 S	1,2-Dichloroethane-d4	0.465	0.423	9.0	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35 S	Dibromofluoromethane	0.265	0.250	5.7	88	0.00
36 T	1,1-Dichloropropene	0.450	0.436	3.1	87	0.00
37 T	Ethyl Acetate	0.198	0.207	-4.5	89	0.00
38 T	Carbon Tetrachloride	0.581	0.584	-0.5	89	0.00
39 T	Methylcyclohexane	0.550	0.541	1.6	89	0.00
40 TM	Benzene	1.299	1.295	0.3	88	0.00
41 T	Methacrylonitrile	0.117	0.109	6.8	77	0.00
42 TM	1,2-Dichloroethane	0.413	0.441	-6.8	91	0.00
43 T	Isopropyl Acetate	0.369	0.392	-6.2	90	0.00
44 TM	Trichloroethene	0.388	0.390	-0.5	88	0.00
45 C	1,2-Dichloropropane	0.271	0.272	-0.4#	88	0.00
46 T	Dibromomethane	0.181	0.192	-6.1	91	0.00
47 T	Bromodichloromethane	0.457	0.479	-4.8	91	0.00
48 T	Methyl methacrylate	0.170	0.183	-7.6	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	93	0.00
50 S	Toluene-d8	1.044	0.903	13.5	86	0.00
51 T	4-Methyl-2-Pentanone	0.197	0.217	-10.2	93	0.00
52 CM	Toluene	0.865	0.889	-2.8#	89	0.00
53 T	t-1,3-Dichloropropene	0.478	0.506	-5.9	90	0.00
54 T	cis-1,3-Dichloropropene	0.514	0.529	-2.9	88	0.00
55 T	1,1,2-Trichloroethane	0.258	0.278	-7.8	92	0.00
56 T	Ethyl methacrylate	0.338	0.377	-11.5	92	0.00
57 T	1,3-Dichloropropane	0.421	0.453	-7.6	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.112	0.109	2.7	85	0.00
59 T	2-Hexanone	0.150	0.165	-10.0	88	0.00
60 T	Dibromochloromethane	0.342	0.367	-7.3	90	0.00
61 T	1,2-Dibromoethane	0.249	0.266	-6.8	91	0.00
62 S	4-Bromofluorobenzene	0.373	0.355	4.8	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64 T	Tetrachloroethene	0.456	0.482	-5.7	93	0.00
65 PM	Chlorobenzene	1.023	1.025	-0.2	91	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.398	-3.1	91	0.00
67 C	Ethyl Benzene	1.828	1.818	0.5#	89	0.00
68 T	m/p-Xylenes	0.723	0.733	-1.4	90	0.00
69 T	o-Xylene	0.690	0.697	-1.0	90	0.00
70 T	Styrene	1.154	1.185	-2.7	90	0.00
71 P	Bromoform	0.247	0.268	-8.5	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	3.605	3.535	1.9	91	0.00
74 T	N-amyl acetate	0.707	0.701	0.8	89	0.00
75 P	1,1,2,2-Tetrachloroethane	0.568	0.576	-1.4	93	0.00
76 T	1,2,3-Trichloropropane	0.460	0.427	7.2	76	0.00
77 T	Bromobenzene	0.868	0.852	1.8	90	0.00
78 T	n-propylbenzene	4.219	4.038	4.3	91	0.00
79 T	2-Chlorotoluene	2.385	2.297	3.7	90	0.00
80 T	1,3,5-Trimethylbenzene	3.134	3.086	1.5	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.223	0.232	-4.0	93	0.00
82 T	4-Chlorotoluene	2.506	2.392	4.5	90	0.00
83 T	tert-Butylbenzene	2.732	2.683	1.8	94	0.00
84 T	1,2,4-Trimethylbenzene	3.091	3.060	1.0	92	0.00
85 T	sec-Butylbenzene	3.889	3.755	3.4	92	0.00
86 T	p-Isopropyltoluene	3.398	3.331	2.0	93	0.00
87 T	1,3-Dichlorobenzene	1.725	1.679	2.7	91	0.00
88 T	1,4-Dichlorobenzene	1.721	1.672	2.8	92	0.00
89 T	n-Butylbenzene	2.945	2.837	3.7	92	0.00
90 T	Hexachloroethane	0.613	0.585	4.6	91	0.00
91 T	1,2-Dichlorobenzene	1.540	1.509	2.0	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.117	0.124	-6.0	96	0.00
93 T	1,2,4-Trichlorobenzene	0.987	0.958	2.9	93	0.00
94 T	Hexachlorobutadiene	0.594	0.562	5.4	93	0.00
95 T	Naphthalene	1.947	2.026	-4.1	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.849	0.857	-0.9	97	0.00

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