

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022223\
 Data File : VY012694.D
 Acq On : 22 Feb 2023 21:10
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 22 21:44:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 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	88	0.00
2 T	Dichlorodifluoromethane	0.514	0.422	17.9	78	0.00
3 P	Chloromethane	0.687	0.530	22.9	76	0.00
4 C	Vinyl Chloride	0.568	0.504	11.3#	82	0.00
5 T	Bromomethane	0.311	0.310	0.3	95	0.00
6 T	Chloroethane	0.362	0.323	10.8	87	0.00
7 T	Trichlorofluoromethane	0.916	0.813	11.2	83	0.00
8 T	Diethyl Ether	0.328	0.325	0.9	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.547	0.491	10.2	84	0.00
10 T	Methyl Iodide	0.716	0.633	11.6	79	0.00
11 T	Tert butyl alcohol	0.065	0.060	7.7	92	0.00
12 CM	1,1-Dichloroethene	0.528	0.481	8.9#	84	0.00
13 T	Acrolein	0.082	0.110	-34.1#	110	0.00
14 T	Allyl chloride	1.025	0.963	6.0	84	0.00
15 T	Acrylonitrile	0.174	0.190	-9.2	90	0.00
16 T	Acetone	0.193	0.170	11.9	72	0.00
17 T	Carbon Disulfide	1.778	1.482	16.6	77	0.00
18 T	Methyl Acetate	0.621	0.659	-6.1	89	0.00
19 T	Methyl tert-butyl Ether	1.421	1.489	-4.8	90	0.00
20 T	Methylene Chloride	0.734	0.658	10.4	95	0.00
21 T	trans-1,2-Dichloroethene	0.575	0.547	4.9	87	0.00
22 T	Diisopropyl ether	1.913	1.984	-3.7	92	0.00
23 T	Vinyl Acetate	1.185	1.265	-6.8	90	0.00
24 P	1,1-Dichloroethane	1.061	1.038	2.2	89	0.00
25 T	2-Butanone	0.256	0.264	-3.1	84	0.00
26 T	2,2-Dichloropropane	0.925	0.845	8.6	87	0.00
27 T	cis-1,2-Dichloroethene	0.629	0.619	1.6	90	0.00
28 T	Bromochloromethane	0.425	0.473	-11.3	95	0.00
29 T	Tetrahydrofuran	0.156	0.177	-13.5	90	0.00
30 C	Chloroform	1.028	1.014	1.4#	90	0.00
31 T	Cyclohexane	1.026	0.870	15.2	82	0.00
32 T	1,1,1-Trichloroethane	0.930	0.877	5.7	87	0.00
33 S	1,2-Dichloroethane-d4	0.591	0.601	-1.7	91	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.338	0.343	-1.5	93	0.00
36 T	1,1-Dichloropropene	0.535	0.484	9.5	87	0.00
37 T	Ethyl Acetate	0.361	0.367	-1.7	86	0.00
38 T	Carbon Tetrachloride	0.554	0.509	8.1	88	0.00
39 T	Methylcyclohexane	0.618	0.557	9.9	84	0.00
40 TM	Benzene	1.494	1.419	5.0	89	0.00
41 T	Methacrylonitrile	0.176	0.157	10.8	86	0.00
42 TM	1,2-Dichloroethane	0.463	0.456	1.5	91	0.00
43 T	Isopropyl Acetate	0.624	0.654	-4.8	90	0.00
44 TM	Trichloroethene	0.386	0.357	7.5	88	0.00
45 C	1,2-Dichloropropane	0.384	0.379	1.3#	91	0.00
46 T	Dibromomethane	0.212	0.215	-1.4	91	0.00
47 T	Bromodichloromethane	0.511	0.500	2.2	92	0.00
48 T	Methyl methacrylate	0.291	0.312	-7.2	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	76	0.00
50 S	Toluene-d8	1.265	1.262	0.2	92	0.00
51 T	4-Methyl-2-Pentanone	0.337	0.371	-10.1	92	0.00
52 CM	Toluene	0.885	0.852	3.7#	89	0.00
53 T	t-1,3-Dichloropropene	0.534	0.537	-0.6	92	0.00
54 T	cis-1,3-Dichloropropene	0.604	0.591	2.2	89	0.00
55 T	1,1,2-Trichloroethane	0.288	0.297	-3.1	95	0.00
56 T	Ethyl methacrylate	0.394	0.426	-8.1	92	0.00
57 T	1,3-Dichloropropane	0.507	0.518	-2.2	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.196	0.222	-13.3	93	0.00
59 T	2-Hexanone	0.239	0.257	-7.5	87	0.00
60 T	Dibromochloromethane	0.349	0.352	-0.9	92	0.00
61 T	1,2-Dibromoethane	0.276	0.278	-0.7	91	0.00
62 S	4-Bromofluorobenzene	0.405	0.415	-2.5	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.364	0.331	9.1	89	0.00
65 PM	Chlorobenzene	1.072	1.029	4.0	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.397	0.390	1.8	93	0.00
67 C	Ethyl Benzene	1.917	1.826	4.7#	91	0.00
68 T	m/p-Xylenes	0.731	0.699	4.4	91	0.00
69 T	o-Xylene	0.677	0.660	2.5	91	0.00
70 T	Styrene	1.135	1.136	-0.1	93	0.00
71 P	Bromoform	0.254	0.256	-0.8	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.695	3.572	3.3	91	0.00
74 T	N-amyl acetate	1.215	1.304	-7.3	91	0.00
75 P	1,1,2,2-Tetrachloroethane	0.831	0.866	-4.2	95	0.00
76 T	1,2,3-Trichloropropane	0.623	0.674	-8.2	99	0.00
77 T	Bromobenzene	0.885	0.866	2.1	92	0.00
78 T	n-propylbenzene	4.622	4.407	4.7	91	0.00
79 T	2-Chlorotoluene	2.568	2.458	4.3	91	0.00
80 T	1,3,5-Trimethylbenzene	3.086	2.939	4.8	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.294	0.310	-5.4	94	0.00
82 T	4-Chlorotoluene	2.663	2.561	3.8	92	0.00
83 T	tert-Butylbenzene	2.636	2.534	3.9	90	0.00
84 T	1,2,4-Trimethylbenzene	3.017	2.901	3.8	90	0.00
85 T	sec-Butylbenzene	4.010	3.813	4.9	91	0.00
86 T	p-Isopropyltoluene	3.303	3.109	5.9	89	0.00
87 T	1,3-Dichlorobenzene	1.734	1.643	5.2	91	0.00
88 T	1,4-Dichlorobenzene	1.758	1.648	6.3	91	0.00
89 T	n-Butylbenzene	3.163	2.926	7.5	88	0.00
90 T	Hexachloroethane	0.670	0.619	7.6	91	0.00
91 T	1,2-Dichlorobenzene	1.549	1.494	3.6	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.137	0.139	-1.5	92	0.00
93 T	1,2,4-Trichlorobenzene	0.979	0.876	10.5	85	0.00
94 T	Hexachlorobutadiene	0.591	0.501	15.2	85	0.00
95 T	Naphthalene	1.979	1.974	0.3	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.867	0.795	8.3	87	0.00

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