

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017112.D
 Acq On : 26 Jan 2024 10:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 29 04:13:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 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	94	0.00
2 T	Dichlorodifluoromethane	0.434	0.336	22.6	91	0.00
3 P	Chloromethane	0.729	0.656	10.0	101	0.00
4 C	Vinyl Chloride	0.833	0.820	1.6#	107	0.00
5 T	Bromomethane	0.621	0.573	7.7	104	0.00
6 T	Chloroethane	0.534	0.538	-0.7	107	0.00
7 T	Trichlorofluoromethane	0.966	0.851	11.9	99	0.00
8 T	Diethyl Ether	0.288	0.263	8.7	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.559	0.517	7.5	96	0.00
10 T	Methyl Iodide	0.531	0.500	5.8	88	0.00
11 T	Tert butyl alcohol	0.037	0.035	5.4	104	0.00
12 CM	1,1-Dichloroethene	0.512	0.481	6.1#	97	0.00
13 T	Acrolein	0.058	0.052	10.3	88	0.00
14 T	Allyl chloride	0.774	0.748	3.4	96	0.00
15 T	Acrylonitrile	0.125	0.122	2.4	97	0.00
16 T	Acetone	0.158	0.124	21.5	99	0.00
17 T	Carbon Disulfide	1.543	1.410	8.6	93	0.00
18 T	Methyl Acetate	0.500	0.519	-3.8	99	0.00
19 T	Methyl tert-butyl Ether	1.249	1.207	3.4	95	0.00
20 T	Methylene Chloride	0.671	0.539	19.7	93	0.00
21 T	trans-1,2-Dichloroethene	0.592	0.555	6.2	94	0.00
22 T	Diisopropyl ether	1.708	1.672	2.1	95	0.00
23 T	Vinyl Acetate	0.829	0.793	4.3	94	0.00
24 P	1,1-Dichloroethane	1.042	0.991	4.9	96	0.00
25 T	2-Butanone	0.194	0.168	13.4	98	0.00
26 T	2,2-Dichloropropane	0.890	0.843	5.3	96	0.00
27 T	cis-1,2-Dichloroethene	0.656	0.620	5.5	94	0.00
28 T	Bromochloromethane	0.415	0.399	3.9	82	0.00
29 T	Tetrahydrofuran	0.099	0.101	-2.0	98	0.00
30 C	Chloroform	1.061	1.007	5.1#	96	0.00
31 T	Cyclohexane	0.963	0.882	8.4	96	0.00
32 T	1,1,1-Trichloroethane	0.910	0.866	4.8	96	0.00
33 S	1,2-Dichloroethane-d4	0.487	0.480	1.4	92	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.302	0.293	3.0	89	0.00
36 T	1,1-Dichloropropene	0.497	0.484	2.6	98	0.00
37 T	Ethyl Acetate	0.213	0.214	-0.5	103	0.00
38 T	Carbon Tetrachloride	0.487	0.463	4.9	96	0.00
39 T	Methylcyclohexane	0.597	0.590	1.2	95	0.00
40 TM	Benzene	1.442	1.386	3.9	95	0.00
41 T	Methacrylonitrile	0.114	0.108	5.3	103	0.00
42 TM	1,2-Dichloroethane	0.374	0.358	4.3	95	0.00
43 T	Isopropyl Acetate	0.399	0.395	1.0	96	0.00
44 TM	Trichloroethene	0.370	0.348	5.9	94	0.00
45 C	1,2-Dichloropropane	0.354	0.346	2.3#	96	0.00
46 T	Dibromomethane	0.188	0.181	3.7	96	0.00
47 T	Bromodichloromethane	0.478	0.458	4.2	93	0.00
48 T	Methyl methacrylate	0.221	0.229	-3.6	98	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	0.002	0.002	0.0	105	0.00
50 S	Toluene-d8	1.140	1.143	-0.3	90	0.00
51 T	4-Methyl-2-Pentanone	0.212	0.216	-1.9	98	0.00
52 CM	Toluene	0.873	0.855	2.1#	95	0.00
53 T	t-1,3-Dichloropropene	0.437	0.432	1.1	95	0.00
54 T	cis-1,3-Dichloropropene	0.537	0.524	2.4	94	0.00
55 T	1,1,2-Trichloroethane	0.263	0.247	6.1	93	0.00
56 T	Ethyl methacrylate	0.230	0.233	-1.3	95	0.00
57 T	1,3-Dichloropropane	0.444	0.432	2.7	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.177	-11.3	95	0.00
59 T	2-Hexanone	0.162	0.156	3.7	100	0.00
60 T	Dibromochloromethane	0.305	0.295	3.3	95	0.00
61 T	1,2-Dibromoethane	0.239	0.232	2.9	96	0.00
62 S	4-Bromofluorobenzene	0.351	0.358	-2.0	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.349	0.326	6.6	94	0.00
65 PM	Chlorobenzene	1.060	1.015	4.2	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.387	0.371	4.1	93	0.00
67 C	Ethyl Benzene	1.926	1.921	0.3#	96	0.00
68 T	m/p-Xylenes	0.724	0.725	-0.1	97	0.00
69 T	o-Xylene	0.657	0.664	-1.1	95	0.00
70 T	Styrene	0.954	0.992	-4.0	96	0.00
71 P	Bromoform	0.194	0.190	2.1	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	4.110	4.039	1.7	97	0.00
74 T	N-amyl acetate	0.829	0.851	-2.7	99	0.00
75 P	1,1,2,2-Tetrachloroethane	0.784	0.739	5.7	94	0.00
76 T	1,2,3-Trichloropropane	0.607	0.565	6.9	90	0.00
77 T	Bromobenzene	0.889	0.844	5.1	94	0.00
78 T	n-propylbenzene	4.944	4.953	-0.2	97	0.00
79 T	2-Chlorotoluene	2.713	2.641	2.7	96	0.00
80 T	1,3,5-Trimethylbenzene	3.253	3.248	0.2	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.234	0.230	1.7	100	0.00
82 T	4-Chlorotoluene	2.812	2.711	3.6	95	0.00
83 T	tert-Butylbenzene	2.814	2.768	1.6	95	0.00
84 T	1,2,4-Trimethylbenzene	3.233	3.189	1.4	96	0.00
85 T	sec-Butylbenzene	4.167	4.221	-1.3	97	0.00
86 T	p-Isopropyltoluene	3.471	3.521	-1.4	97	0.00
87 T	1,3-Dichlorobenzene	1.756	1.667	5.1	94	0.00
88 T	1,4-Dichlorobenzene	1.728	1.630	5.7	94	0.00
89 T	n-Butylbenzene	3.348	3.427	-2.4	97	0.00
90 T	Hexachloroethane	0.723	0.700	3.2	96	0.00
91 T	1,2-Dichlorobenzene	1.500	1.426	4.9	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.100	0.095	5.0	97	0.00
93 T	1,2,4-Trichlorobenzene	0.784	0.746	4.8	94	0.00
94 T	Hexachlorobutadiene	0.472	0.446	5.5	96	0.00
95 T	Naphthalene	1.384	1.386	-0.1	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.652	0.631	3.2	97	0.00

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