

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016589.D
 Acq On : 05 Dec 2023 10:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 06 02:20:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 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	101	0.00
2 T	Dichlorodifluoromethane	0.442	0.434	1.8	108	0.00
3 P	Chloromethane	0.458	0.410	10.5	97	0.00
4 C	Vinyl Chloride	0.463	0.430	7.1#	98	0.00
5 T	Bromomethane	0.290	0.277	4.5	102	0.00
6 T	Chloroethane	0.286	0.272	4.9	98	0.01
7 T	Trichlorofluoromethane	0.875	0.912	-4.2	109	0.00
8 T	Diethyl Ether	0.244	0.227	7.0	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.489	0.501	-2.5	105	0.01
10 T	Methyl Iodide	0.517	0.575	-11.2	112	0.01
11 T	Tert butyl alcohol	0.031	0.027	12.9	88	0.01
12 CM	1,1-Dichloroethene	0.444	0.458	-3.2#	105	0.01
13 T	Acrolein	0.046	0.041	10.9	85	0.00
14 T	Allyl chloride	0.678	0.664	2.1	99	0.00
15 T	Acrylonitrile	0.098	0.086	12.2	86	0.00
16 T	Acetone	0.105	0.085	19.0	92	0.00
17 T	Carbon Disulfide	1.246	1.252	-0.5	102	0.01
18 T	Methyl Acetate	0.415	0.379	8.7	85	0.00
19 T	Methyl tert-butyl Ether	1.092	1.057	3.2	95	0.00
20 T	Methylene Chloride	0.519	0.445	14.3	94	0.01
21 T	trans-1,2-Dichloroethene	0.500	0.514	-2.8	106	0.00
22 T	Diisopropyl ether	1.395	1.313	5.9	93	0.01
23 T	Vinyl Acetate	0.670	0.609	9.1	90	0.01
24 P	1,1-Dichloroethane	0.857	0.834	2.7	100	0.01
25 T	2-Butanone	0.144	0.115	20.1	85	0.00
26 T	2,2-Dichloropropane	0.806	0.845	-4.8	109	0.01
27 T	cis-1,2-Dichloroethene	0.550	0.556	-1.1	102	0.01
28 T	Bromochloromethane	0.347	0.309	11.0	85	0.01
29 T	Tetrahydrofuran	0.082	0.070	14.6	81	0.00
30 C	Chloroform	0.913	0.907	0.7#	102	0.01
31 T	Cyclohexane	0.789	0.736	6.7	101	0.00
32 T	1,1,1-Trichloroethane	0.864	0.904	-4.6	109	0.01
33 S	1,2-Dichloroethane-d4	0.462	0.439	5.0	89	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.301	0.311	-3.3	93	0.00
36 T	1,1-Dichloropropene	0.457	0.483	-5.7	103	0.00
37 T	Ethyl Acetate	0.191	0.166	13.1	81	0.00
38 T	Carbon Tetrachloride	0.530	0.586	-10.6	109	0.00
39 T	Methylcyclohexane	0.551	0.595	-8.0	103	0.00
40 TM	Benzene	1.289	1.326	-2.9	101	0.01
41 T	Methacrylonitrile	0.111	0.108	2.7	92	0.00
42 TM	1,2-Dichloroethane	0.374	0.376	-0.5	97	0.00
43 T	Isopropyl Acetate	0.369	0.343	7.0	85	0.00
44 TM	Trichloroethene	0.389	0.411	-5.7	106	0.00
45 C	1,2-Dichloropropane	0.310	0.303	2.3#	95	0.00
46 T	Dibromomethane	0.170	0.168	1.2	93	0.00
47 T	Bromodichloromethane	0.453	0.462	-2.0	99	0.01
48 T	Methyl methacrylate	0.213	0.198	7.0	84	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	84	0.01
50 S	Toluene-d8	1.138	1.202	-5.6	95	0.00
51 T	4-Methyl-2-Pentanone	0.192	0.172	10.4	81	0.00
52 CM	Toluene	0.808	0.859	-6.3#	102	0.00
53 T	t-1,3-Dichloropropene	0.428	0.437	-2.1	97	0.00
54 T	cis-1,3-Dichloropropene	0.502	0.517	-3.0	98	0.00
55 T	1,1,2-Trichloroethane	0.237	0.237	0.0	96	0.01
56 T	Ethyl methacrylate	0.217	0.216	0.5	89	0.00
57 T	1,3-Dichloropropane	0.400	0.390	2.5	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.134	0.137	-2.2	90	0.00
59 T	2-Hexanone	0.145	0.124	14.5	82	0.00
60 T	Dibromochloromethane	0.317	0.323	-1.9	99	0.00
61 T	1,2-Dibromoethane	0.223	0.224	-0.4	93	0.00
62 S	4-Bromofluorobenzene	0.374	0.389	-4.0	93	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.458	0.492	-7.4	102	0.00
65 PM	Chlorobenzene	1.013	1.076	-6.2	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.396	0.422	-6.6	101	0.00
67 C	Ethyl Benzene	1.816	1.947	-7.2#	101	0.00
68 T	m/p-Xylenes	0.689	0.748	-8.6	102	0.00
69 T	o-Xylene	0.644	0.703	-9.2	104	0.01
70 T	Styrene	0.923	1.006	-9.0	101	0.00
71 P	Bromoform	0.214	0.217	-1.4	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.01
73 T	Isopropylbenzene	3.702	4.210	-13.7	103	0.00
74 T	N-amyl acetate	0.738	0.700	5.1	83	0.00
75 P	1,1,2,2-Tetrachloroethane	0.589	0.580	1.5	89	0.00
76 T	1,2,3-Trichloropropane	0.452	0.440	2.7	90	0.00
77 T	Bromobenzene	0.873	0.964	-10.4	101	0.01
78 T	n-propylbenzene	4.309	4.798	-11.3	102	0.00
79 T	2-Chlorotoluene	2.428	2.630	-8.3	100	0.00
80 T	1,3,5-Trimethylbenzene	3.008	3.357	-11.6	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.200	0.194	3.0	87	0.01
82 T	4-Chlorotoluene	2.513	2.678	-6.6	98	0.00
83 T	tert-Butylbenzene	2.688	3.056	-13.7	103	0.00
84 T	1,2,4-Trimethylbenzene	2.938	3.292	-12.0	101	0.00
85 T	sec-Butylbenzene	3.775	4.225	-11.9	102	0.00
86 T	p-Isopropyltoluene	3.277	3.734	-13.9	102	0.00
87 T	1,3-Dichlorobenzene	1.666	1.798	-7.9	99	0.00
88 T	1,4-Dichlorobenzene	1.635	1.754	-7.3	98	0.01
89 T	n-Butylbenzene	2.947	3.287	-11.5	100	0.00
90 T	Hexachloroethane	0.645	0.697	-8.1	100	0.00
91 T	1,2-Dichlorobenzene	1.430	1.510	-5.6	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.094	0.0	87	0.00
93 T	1,2,4-Trichlorobenzene	0.807	0.872	-8.1	95	0.01
94 T	Hexachlorobutadiene	0.510	0.566	-11.0	100	0.00
95 T	Naphthalene	1.362	1.409	-3.5	89	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.651	0.690	-6.0	92	0.00

(#) = Out of Range

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