

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076764.D
 Acq On : 17 Jul 2023 19:45
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.68G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 18 01:25:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 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	0.391	0.387	1.0	100	0.00
3 P	Chloromethane	0.674	0.665	1.3	98	0.00
4 C	Vinyl Chloride	0.899	0.916	-1.9#	102	0.00
5 T	Bromomethane	0.740	0.687	7.2	99	0.00
6 T	Chloroethane	0.679	0.655	3.5	97	0.00
7 T	Trichlorofluoromethane	0.800	0.798	0.3	104	0.00
8 T	Diethyl Ether	0.275	0.267	2.9	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.526	0.525	0.2	103	0.00
10 T	Methyl Iodide	0.593	0.591	0.3	94	0.00
11 T	Tert butyl alcohol	0.037	0.035	5.4	96	0.00
12 CM	1,1-Dichloroethene	0.494	0.474	4.0#	97	0.00
13 T	Acrolein	0.025	0.016	36.0#	70	0.00
14 T	Allyl chloride	0.649	0.613	5.5	92	0.00
15 T	Acrylonitrile	0.135	0.131	3.0	93	0.00
16 T	Acetone	0.119	0.105	11.8	86	0.00
17 T	Carbon Disulfide	1.154	1.128	2.3	95	0.00
18 T	Methyl Acetate	0.447	0.554	-23.9	121	0.00
19 T	Methyl tert-butyl Ether	1.325	1.282	3.2	93	0.00
20 T	Methylene Chloride	0.984	0.766	22.2	106	0.00
21 T	trans-1,2-Dichloroethene	0.574	0.560	2.4	94	0.00
22 T	Diisopropyl ether	1.537	1.496	2.7	93	0.00
23 T	Vinyl Acetate	0.760	0.624	17.9	78	0.00
24 P	1,1-Dichloroethane	1.036	1.003	3.2	95	0.00
25 T	2-Butanone	0.159	0.151	5.0	90	0.00
26 T	2,2-Dichloropropane	0.893	0.779	12.8	88	0.00
27 T	cis-1,2-Dichloroethene	0.708	0.725	-2.4	101	0.00
28 T	Bromochloromethane	0.259	0.228	12.0	94	0.00
29 T	Tetrahydrofuran	0.094	0.093	1.1	97	0.00
30 C	Chloroform	1.135	1.134	0.1#	101	0.00
31 T	Cyclohexane	0.733	0.685	6.5	102	0.00
32 T	1,1,1-Trichloroethane	0.916	0.928	-1.3	101	0.00
33 S	1,2-Dichloroethane-d4	0.498	0.470	5.6	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.314	0.316	-0.6	106	0.00
36 T	1,1-Dichloropropene	0.411	0.421	-2.4	100	0.00
37 T	Ethyl Acetate	0.184	0.189	-2.7	93	0.00
38 T	Carbon Tetrachloride	0.393	0.406	-3.3	101	0.00
39 T	Methylcyclohexane	0.474	0.490	-3.4	100	0.00
40 TM	Benzene	1.295	1.314	-1.5	99	0.00
41 T	Methacrylonitrile	0.112	0.108	3.6	94	0.00
42 TM	1,2-Dichloroethane	0.337	0.346	-2.7	98	0.00
43 T	Isopropyl Acetate	0.358	0.356	0.6	94	0.00
44 TM	Trichloroethene	0.353	0.344	2.5	94	0.00
45 C	1,2-Dichloropropane	0.334	0.339	-1.5#	92	0.00
46 T	Dibromomethane	0.196	0.200	-2.0	93	0.00
47 T	Bromodichloromethane	0.491	0.497	-1.2	94	0.00
48 T	Methyl methacrylate	0.163	0.173	-6.1	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.002	33.3#	95	0.00
50 S	Toluene-d8	1.124	1.066	5.2	99	0.00
51 T	4-Methyl-2-Pentanone	0.191	0.194	-1.6	91	0.00
52 CM	Toluene	0.851	0.859	-0.9#	95	0.00
53 T	t-1,3-Dichloropropene	0.456	0.451	1.1	90	0.00
54 T	cis-1,3-Dichloropropene	0.537	0.535	0.4	92	0.00
55 T	1,1,2-Trichloroethane	0.286	0.293	-2.4	95	0.00
56 T	Ethyl methacrylate	0.330	0.324	1.8	87	0.00
57 T	1,3-Dichloropropane	0.465	0.464	0.2	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.128	0.123	3.9	93	0.00
59 T	2-Hexanone	0.136	0.135	0.7	89	0.00
60 T	Dibromochloromethane	0.332	0.338	-1.8	93	0.00
61 T	1,2-Dibromoethane	0.265	0.262	1.1	89	0.00
62 S	4-Bromofluorobenzene	0.364	0.348	4.4	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.285	0.357	-25.3#	116	0.00
65 PM	Chlorobenzene	1.006	1.017	-1.1	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.374	0.371	0.8	91	0.00
67 C	Ethyl Benzene	1.766	1.798	-1.8#	93	0.00
68 T	m/p-Xylenes	0.678	0.694	-2.4	93	0.00
69 T	o-Xylene	0.656	0.679	-3.5	93	0.00
70 T	Styrene	1.148	1.186	-3.3	93	0.00
71 P	Bromoform	0.205	0.219	-6.8	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	3.628	3.778	-4.1	94	0.00
74 T	N-amyl acetate	0.764	0.772	-1.0	91	0.00
75 P	1,1,2,2-Tetrachloroethane	0.779	0.797	-2.3	91	0.00
76 T	1,2,3-Trichloropropane	0.475	0.519	-9.3	95	0.00
77 T	Bromobenzene	0.837	0.873	-4.3	92	0.00
78 T	n-propylbenzene	4.398	4.679	-6.4	96	0.00
79 T	2-Chlorotoluene	2.411	2.540	-5.4	94	0.00
80 T	1,3,5-Trimethylbenzene	2.933	3.051	-4.0	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.223	0.217	2.7	83	0.00
82 T	4-Chlorotoluene	2.519	2.652	-5.3	93	0.00
83 T	tert-Butylbenzene	2.583	2.740	-6.1	94	0.00
84 T	1,2,4-Trimethylbenzene	2.997	3.097	-3.3	91	0.00
85 T	sec-Butylbenzene	3.946	4.199	-6.4	96	0.00
86 T	p-Isopropyltoluene	3.259	3.444	-5.7	94	0.00
87 T	1,3-Dichlorobenzene	1.722	1.779	-3.3	92	0.00
88 T	1,4-Dichlorobenzene	1.687	1.769	-4.9	95	0.00
89 T	n-Butylbenzene	3.189	3.352	-5.1	95	0.00
90 T	Hexachloroethane	0.602	0.654	-8.6	96	0.00
91 T	1,2-Dichlorobenzene	1.518	1.583	-4.3	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.111	0.113	-1.8	96	0.00
93 T	1,2,4-Trichlorobenzene	0.927	0.951	-2.6	92	0.00
94 T	Hexachlorobutadiene	0.446	0.452	-1.3	92	0.00
95 T	Naphthalene	2.006	2.036	-1.5	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.831	0.834	-0.4	90	0.00

(#) = Out of Range

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