

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015504.D
 Acq On : 12 Sep 2023 11:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 13 16:28:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 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	106	0.00
2 T	Dichlorodifluoromethane	0.435	0.361	17.0	84	0.00
3 P	Chloromethane	0.577	0.504	12.7	87	0.00
4 C	Vinyl Chloride	0.672	0.588	12.5#	88	0.00
5 T	Bromomethane	0.478	0.464	2.9	98	0.00
6 T	Chloroethane	0.442	0.412	6.8	95	0.00
7 T	Trichlorofluoromethane	0.950	0.836	12.0	90	0.00
8 T	Diethyl Ether	0.325	0.311	4.3	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.527	0.470	10.8	90	0.00
10 T	Methyl Iodide	0.619	0.621	-0.3	95	0.00
11 T	Tert butyl alcohol	0.124	0.113	8.9	100	0.00
12 CM	1,1-Dichloroethene	0.497	0.451	9.3#	92	0.00
13 T	Acrolein	0.126	0.085	32.5#	51	0.00
14 T	Allyl chloride	0.791	0.761	3.8	95	0.00
15 T	Acrylonitrile	0.204	0.180	11.8	83	0.00
16 T	Acetone	0.224	0.200	10.7	76	0.00
17 T	Carbon Disulfide	1.486	1.215	18.2	82	0.00
18 T	Methyl Acetate	0.810	0.690	14.8	81	0.00
19 T	Methyl tert-butyl Ether	1.615	1.594	1.3	96	0.00
20 T	Methylene Chloride	0.892	0.688	22.9	100	0.00
21 T	trans-1,2-Dichloroethene	0.572	0.551	3.7	97	0.00
22 T	Diisopropyl ether	1.731	1.715	0.9	99	0.00
23 T	Vinyl Acetate	1.093	1.044	4.5	92	0.00
24 P	1,1-Dichloroethane	1.001	0.995	0.6	102	0.01
25 T	2-Butanone	0.317	0.278	12.3	79	0.00
26 T	2,2-Dichloropropane	0.850	0.898	-5.6	108	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.662	-2.0	102	0.00
28 T	Bromochloromethane	0.307	0.271	11.7	93	0.00
29 T	Tetrahydrofuran	0.199	0.165	17.1	77	0.00
30 C	Chloroform	1.052	1.085	-3.1#	105	0.00
31 T	Cyclohexane	0.952	0.774	18.7	86	0.00
32 T	1,1,1-Trichloroethane	0.939	0.939	0.0	101	0.00
33 S	1,2-Dichloroethane-d4	0.536	0.492	8.2	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35 S	Dibromofluoromethane	0.288	0.280	2.8	102	0.00
36 T	1,1-Dichloropropene	0.506	0.461	8.9	95	0.00
37 T	Ethyl Acetate	0.390	0.328	15.9	81	0.00
38 T	Carbon Tetrachloride	0.522	0.499	4.4	98	0.00
39 T	Methylcyclohexane	0.637	0.543	14.8	88	0.00
40 TM	Benzene	1.411	1.383	2.0	100	0.00
41 T	Methacrylonitrile	0.183	0.461	-151.9#	241#	0.02
42 TM	1,2-Dichloroethane	0.470	0.453	3.6	97	0.00
43 T	Isopropyl Acetate	0.674	0.612	9.2	88	0.00
44 TM	Trichloroethene	0.399	0.390	2.3	101	0.00
45 C	1,2-Dichloropropane	0.356	0.350	1.7#	100	0.00
46 T	Dibromomethane	0.236	0.229	3.0	98	0.00
47 T	Bromodichloromethane	0.505	0.526	-4.2	105	0.00
48 T	Methyl methacrylate	0.309	0.272	12.0	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	84	0.00
50 S	Toluene-d8	1.043	0.950	8.9	98	0.00
51 T	4-Methyl-2-Pentanone	0.392	0.341	13.0	82	0.00
52 CM	Toluene	0.904	0.902	0.2#	101	0.00
53 T	t-1,3-Dichloropropene	0.537	0.557	-3.7	102	0.00
54 T	cis-1,3-Dichloropropene	0.584	0.600	-2.7	103	0.00
55 T	1,1,2-Trichloroethane	0.318	0.319	-0.3	100	0.00
56 T	Ethyl methacrylate	0.472	0.458	3.0	93	0.00
57 T	1,3-Dichloropropane	0.548	0.534	2.6	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.168	0.145	13.7	89	0.00
59 T	2-Hexanone	0.294	0.256	12.9	80	0.00
60 T	Dibromochloromethane	0.373	0.389	-4.3	104	0.00
61 T	1,2-Dibromoethane	0.323	0.314	2.8	96	0.00
62 S	4-Bromofluorobenzene	0.387	0.372	3.9	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64 T	Tetrachloroethene	0.454	0.453	0.2	102	0.00
65 PM	Chlorobenzene	1.077	1.084	-0.6	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.415	-5.3	108	0.00
67 C	Ethyl Benzene	1.935	1.924	0.6#	103	0.00
68 T	m/p-Xylenes	0.750	0.746	0.5	103	0.00
69 T	o-Xylene	0.717	0.727	-1.4	104	0.00
70 T	Styrene	1.205	1.240	-2.9	103	0.00
71 P	Bromoform	0.275	0.282	-2.5	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	3.756	3.715	1.1	103	0.00
74 T	N-amyl acetate	1.262	1.187	5.9	89	0.00
75 P	1,1,2,2-Tetrachloroethane	0.897	0.832	7.2	93	0.00
76 T	1,2,3-Trichloropropane	0.663	1.129	-70.3#	167#	0.00
77 T	Bromobenzene	0.890	0.897	-0.8	104	0.00
78 T	n-propylbenzene	4.544	4.464	1.8	100	0.00
79 T	2-Chlorotoluene	2.549	2.543	0.2	102	0.00
80 T	1,3,5-Trimethylbenzene	3.141	3.125	0.5	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.291	3.3	95	0.00
82 T	4-Chlorotoluene	2.649	2.662	-0.5	103	0.00
83 T	tert-Butylbenzene	2.751	2.726	0.9	101	0.00
84 T	1,2,4-Trimethylbenzene	3.119	3.135	-0.5	102	0.00
85 T	sec-Butylbenzene	4.104	4.074	0.7	102	0.00
86 T	p-Isopropyltoluene	3.440	3.445	-0.1	102	0.00
87 T	1,3-Dichlorobenzene	1.756	1.781	-1.4	104	0.00
88 T	1,4-Dichlorobenzene	1.775	1.778	-0.2	104	0.00
89 T	n-Butylbenzene	3.237	3.204	1.0	101	0.00
90 T	Hexachloroethane	0.615	0.646	-5.0	107	0.00
91 T	1,2-Dichlorobenzene	1.603	1.638	-2.2	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.177	0.156	11.9	84	0.00
93 T	1,2,4-Trichlorobenzene	1.006	1.018	-1.2	101	0.00
94 T	Hexachlorobutadiene	0.549	0.541	1.5	104	0.00
95 T	Naphthalene	2.493	2.320	6.9	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	0.905	1.4	100	0.00

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