

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016052.D
 Acq On : 19 Oct 2023 21:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 20 08:25:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 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	93	0.00
2 T	Dichlorodifluoromethane	0.413	0.396	4.1	88	0.00
3 P	Chloromethane	0.522	0.526	-0.8	92	0.00
4 C	Vinyl Chloride	0.586	0.580	1.0#	92	0.00
5 T	Bromomethane	0.427	0.405	5.2	87	0.01
6 T	Chloroethane	0.377	0.376	0.3	90	0.00
7 T	Trichlorofluoromethane	0.891	1.038	-16.5	111	0.00
8 T	Diethyl Ether	0.315	0.295	6.3	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.513	0.497	3.1	93	0.00
10 T	Methyl Iodide	0.669	0.601	10.2	82	0.00
11 T	Tert butyl alcohol	0.088	0.097	-10.2	112	0.12
12 CM	1,1-Dichloroethene	0.480	0.468	2.5#	92	0.00
13 T	Acrolein	0.076	0.053	30.3#	77	0.02
14 T	Allyl chloride	0.750	0.733	2.3	92	0.00
15 T	Acrylonitrile	0.188	0.204	-8.5	100	0.02
16 T	Acetone	0.211	0.179	15.2	77	0.04
17 T	Carbon Disulfide	1.405	1.331	5.3	89	0.00
18 T	Methyl Acetate	0.725	0.766	-5.7	95	0.02
19 T	Methyl tert-butyl Ether	1.547	1.435	7.2	85	0.00
20 T	Methylene Chloride	0.626	0.610	2.6	101	0.00
21 T	trans-1,2-Dichloroethene	0.559	0.538	3.8	90	0.00
22 T	Diisopropyl ether	1.633	1.571	3.8	87	0.00
23 T	Vinyl Acetate	1.013	0.930	8.2	83	0.00
24 P	1,1-Dichloroethane	0.969	0.944	2.6	92	0.00
25 T	2-Butanone	0.289	0.302	-4.5	96	0.02
26 T	2,2-Dichloropropane	0.872	0.776	11.0	86	0.00
27 T	cis-1,2-Dichloroethene	0.643	0.621	3.4	90	0.00
28 T	Bromochloromethane	0.414	0.416	-0.5	88	0.00
29 T	Tetrahydrofuran	0.175	0.210	-20.0	107	0.02
30 C	Chloroform	1.039	1.005	3.3#	91	0.00
31 T	Cyclohexane	0.889	0.833	6.3	92	0.00
32 T	1,1,1-Trichloroethane	0.930	0.914	1.7	92	0.00
33 S	1,2-Dichloroethane-d4	0.568	0.493	13.2	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.329	0.283	14.0	88	0.00
36 T	1,1-Dichloropropene	0.495	0.469	5.3	90	0.00
37 T	Ethyl Acetate	0.357	0.856	-139.8#	226#	0.01
38 T	Carbon Tetrachloride	0.526	0.503	4.4	92	0.00
39 T	Methylcyclohexane	0.619	0.592	4.4	91	0.00
40 TM	Benzene	1.396	1.337	4.2	91	0.00
41 T	Methacrylonitrile	0.185	0.156	15.7	75	0.00
42 TM	1,2-Dichloroethane	0.450	0.421	6.4	89	0.00
43 T	Isopropyl Acetate	0.624	0.628	-0.6	92	0.00
44 TM	Trichloroethene	0.391	0.414	-5.9	102	0.00
45 C	1,2-Dichloropropane	0.349	0.344	1.4#	94	0.00
46 T	Dibromomethane	0.232	0.244	-5.2	99	0.00
47 T	Bromodichloromethane	0.508	0.503	1.0	93	0.00
48 T	Methyl methacrylate	0.284	0.296	-4.2	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.007	-75.0#	152#	0.06
50 S	Toluene-d8	1.195	1.054	11.8	90	0.00
51 T	4-Methyl-2-Pentanone	0.359	0.552	-53.8#	140	0.01
52 CM	Toluene	0.905	0.882	2.5#	91	0.00
53 T	t-1,3-Dichloropropene	0.550	0.552	-0.4	93	0.00
54 T	cis-1,3-Dichloropropene	0.600	0.582	3.0	91	0.00
55 T	1,1,2-Trichloroethane	0.319	0.340	-6.6	100	0.00
56 T	Ethyl methacrylate	0.466	0.546	-17.2	105	0.00
57 T	1,3-Dichloropropane	0.540	0.568	-5.2	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.224	0.258	-15.2	105	0.00
59 T	2-Hexanone	0.273	0.460	-68.5#	152#	0.01
60 T	Dibromochloromethane	0.385	0.400	-3.9	97	0.00
61 T	1,2-Dibromoethane	0.324	0.362	-11.7	104	0.00
62 S	4-Bromofluorobenzene	0.426	0.385	9.6	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.388	0.432	-11.3	107	0.00
65 PM	Chlorobenzene	1.083	1.052	2.9	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.408	0.402	1.5	94	0.00
67 C	Ethyl Benzene	1.916	1.872	2.3#	92	0.00
68 T	m/p-Xylenes	0.747	0.726	2.8	91	0.00
69 T	o-Xylene	0.711	0.704	1.0	93	0.00
70 T	Styrene	1.211	1.207	0.3	93	0.00
71 P	Bromoform	0.287	0.330	-15.0	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	3.740	3.594	3.9	91	0.00
74 T	N-amyl acetate	1.181	1.426	-20.7	110	0.00
75 P	1,1,2,2-Tetrachloroethane	0.937	1.039	-10.9	105	0.00
76 T	1,2,3-Trichloropropane	0.708	1.486	-109.9#	196#	0.00
77 T	Bromobenzene	0.908	0.890	2.0	93	0.00
78 T	n-propylbenzene	4.505	4.301	4.5	90	0.00
79 T	2-Chlorotoluene	2.529	2.431	3.9	91	0.00
80 T	1,3,5-Trimethylbenzene	3.098	2.978	3.9	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.324	0.390	-20.4	112	0.00
82 T	4-Chlorotoluene	2.639	2.536	3.9	90	0.00
83 T	tert-Butylbenzene	2.717	2.611	3.9	90	0.00
84 T	1,2,4-Trimethylbenzene	3.076	2.980	3.1	90	0.01
85 T	sec-Butylbenzene	4.057	3.877	4.4	90	0.00
86 T	p-Isopropyltoluene	3.390	3.222	5.0	88	0.00
87 T	1,3-Dichlorobenzene	1.766	1.703	3.6	91	0.00
88 T	1,4-Dichlorobenzene	1.778	1.716	3.5	92	0.00
89 T	n-Butylbenzene	3.156	3.019	4.3	89	0.00
90 T	Hexachloroethane	0.646	0.610	5.6	89	0.00
91 T	1,2-Dichlorobenzene	1.622	1.607	0.9	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.178	0.286	-60.7#	155#	0.00
93 T	1,2,4-Trichlorobenzene	1.033	1.003	2.9	91	0.00
94 T	Hexachlorobutadiene	0.561	0.499	11.1	85	0.00
95 T	Naphthalene	2.536	3.362	-32.6#	122	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.944	0.942	0.2	93	0.00

(#) = Out of Range

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