

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016020.D
 Acq On : 18 Oct 2023 14:34
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY101823

Quant Time: Oct 19 03:22:49 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	97	0.00
2 T	Dichlorodifluoromethane	0.413	0.436	-5.6	100	0.00
3 P	Chloromethane	0.522	0.554	-6.1	101	0.00
4 C	Vinyl Chloride	0.586	0.615	-4.9#	101	0.00
5 T	Bromomethane	0.427	0.442	-3.5	99	0.00
6 T	Chloroethane	0.377	0.413	-9.5	102	0.00
7 T	Trichlorofluoromethane	0.891	0.897	-0.7	100	0.00
8 T	Diethyl Ether	0.315	0.325	-3.2	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.513	0.520	-1.4	101	0.00
10 T	Methyl Iodide	0.669	0.749	-12.0	106	0.00
11 T	Tert butyl alcohol	0.088	0.063	28.4#	75	0.01
12 CM	1,1-Dichloroethene	0.480	0.500	-4.2#	102	0.00
13 T	Acrolein	0.076	0.056	26.3#	84	0.00
14 T	Allyl chloride	0.750	0.792	-5.6	103	0.00
15 T	Acrylonitrile	0.188	0.175	6.9	89	0.00
16 T	Acetone	0.211	0.196	7.1	88	0.00
17 T	Carbon Disulfide	1.405	1.467	-4.4	102	0.00
18 T	Methyl Acetate	0.725	0.662	8.7	85	0.00
19 T	Methyl tert-butyl Ether	1.547	1.606	-3.8	99	0.00
20 T	Methylene Chloride	0.626	0.688	-9.9	119	0.00
21 T	trans-1,2-Dichloroethene	0.559	0.586	-4.8	102	0.00
22 T	Diisopropyl ether	1.633	1.742	-6.7	101	0.00
23 T	Vinyl Acetate	1.013	1.054	-4.0	98	0.00
24 P	1,1-Dichloroethane	0.969	1.019	-5.2	103	0.00
25 T	2-Butanone	0.289	0.262	9.3	86	0.00
26 T	2,2-Dichloropropane	0.872	0.919	-5.4	106	0.00
27 T	cis-1,2-Dichloroethene	0.643	0.676	-5.1	102	0.00
28 T	Bromochloromethane	0.414	0.443	-7.0	98	0.00
29 T	Tetrahydrofuran	0.175	0.157	10.3	83	0.00
30 C	Chloroform	1.039	1.089	-4.8#	102	0.00
31 T	Cyclohexane	0.889	0.864	2.8	99	0.00
32 T	1,1,1-Trichloroethane	0.930	0.955	-2.7	100	0.00
33 S	1,2-Dichloroethane-d4	0.568	0.537	5.5	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.329	0.320	2.7	102	0.00
36 T	1,1-Dichloropropene	0.495	0.504	-1.8	100	0.00
37 T	Ethyl Acetate	0.357	0.336	5.9	91	0.00
38 T	Carbon Tetrachloride	0.526	0.537	-2.1	101	0.00
39 T	Methylcyclohexane	0.619	0.628	-1.5	100	0.00
40 TM	Benzene	1.396	1.463	-4.8	103	0.00
41 T	Methacrylonitrile	0.185	0.181	2.2	90	-0.01
42 TM	1,2-Dichloroethane	0.450	0.454	-0.9	99	0.00
43 T	Isopropyl Acetate	0.624	0.602	3.5	91	0.00
44 TM	Trichloroethene	0.391	0.400	-2.3	102	0.00
45 C	1,2-Dichloropropane	0.349	0.365	-4.6#	103	0.00
46 T	Dibromomethane	0.232	0.235	-1.3	97	0.00
47 T	Bromodichloromethane	0.508	0.533	-4.9	102	0.00
48 T	Methyl methacrylate	0.284	0.268	5.6	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.003	25.0	82	0.00
50 S	Toluene-d8	1.195	1.166	2.4	102	0.00
51 T	4-Methyl-2-Pentanone	0.359	0.335	6.7	87	0.00
52 CM	Toluene	0.905	0.951	-5.1#	101	0.00
53 T	t-1,3-Dichloropropene	0.550	0.576	-4.7	100	0.00
54 T	cis-1,3-Dichloropropene	0.600	0.634	-5.7	102	0.00
55 T	1,1,2-Trichloroethane	0.319	0.326	-2.2	99	0.00
56 T	Ethyl methacrylate	0.466	0.474	-1.7	94	0.00
57 T	1,3-Dichloropropane	0.540	0.549	-1.7	97	0.00
58 T	2-Chloroethyl Vinyl ether	0.224	0.221	1.3	93	0.00
59 T	2-Hexanone	0.273	0.255	6.6	87	0.00
60 T	Dibromochloromethane	0.385	0.395	-2.6	99	0.00
61 T	1,2-Dibromoethane	0.324	0.325	-0.3	96	0.00
62 S	4-Bromofluorobenzene	0.426	0.415	2.6	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.388	0.382	1.5	97	0.00
65 PM	Chlorobenzene	1.083	1.134	-4.7	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.408	0.424	-3.9	101	0.00
67 C	Ethyl Benzene	1.916	2.019	-5.4#	101	0.00
68 T	m/p-Xylenes	0.747	0.782	-4.7	100	0.00
69 T	o-Xylene	0.711	0.751	-5.6	101	0.00
70 T	Styrene	1.211	1.282	-5.9	101	0.00
71 P	Bromoform	0.287	0.290	-1.0	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.740	3.885	-3.9	101	0.00
74 T	N-amyl acetate	1.181	1.190	-0.8	94	0.00
75 P	1,1,2,2-Tetrachloroethane	0.937	0.901	3.8	94	0.00
76 T	1,2,3-Trichloropropane	0.708	0.705	0.4	95	0.00
77 T	Bromobenzene	0.908	0.932	-2.6	100	0.00
78 T	n-propylbenzene	4.505	4.694	-4.2	101	0.00
79 T	2-Chlorotoluene	2.529	2.632	-4.1	101	0.00
80 T	1,3,5-Trimethylbenzene	3.098	3.259	-5.2	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.324	0.313	3.4	92	0.00
82 T	4-Chlorotoluene	2.639	2.722	-3.1	99	0.00
83 T	tert-Butylbenzene	2.717	2.804	-3.2	99	0.00
84 T	1,2,4-Trimethylbenzene	3.076	3.228	-4.9	100	0.00
85 T	sec-Butylbenzene	4.057	4.213	-3.8	100	0.00
86 T	p-Isopropyltoluene	3.390	3.571	-5.3	100	0.00
87 T	1,3-Dichlorobenzene	1.766	1.842	-4.3	101	0.00
88 T	1,4-Dichlorobenzene	1.778	1.842	-3.6	101	0.00
89 T	n-Butylbenzene	3.156	3.322	-5.3	101	0.00
90 T	Hexachloroethane	0.646	0.675	-4.5	101	0.00
91 T	1,2-Dichlorobenzene	1.622	1.671	-3.0	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.178	0.157	11.8	87	0.00
93 T	1,2,4-Trichlorobenzene	1.033	1.079	-4.5	100	0.00
94 T	Hexachlorobutadiene	0.561	0.567	-1.1	99	0.00
95 T	Naphthalene	2.536	2.499	1.5	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.944	0.964	-2.1	97	0.00

(#) = Out of Range

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