

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008779.D
 Acq On : 17 May 2022 17:57
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051722

Quant Time: May 18 07:55:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 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	103	0.00
2 T	Dichlorodifluoromethane	0.376	0.310	17.6	104	0.00
3 P	Chloromethane	0.583	0.485	16.8	102	0.00
4 C	Vinyl Chloride	0.825	0.730	11.5#	105	0.00
5 T	Bromomethane	0.631	0.559	11.4	107	0.00
6 T	Chloroethane	0.610	0.530	13.1	103	0.00
7 T	Trichlorofluoromethane	0.780	0.699	10.4	105	0.00
8 T	Diethyl Ether	0.222	0.205	7.7	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.466	0.428	8.2	105	0.00
10 T	Methyl Iodide	0.518	0.531	-2.5	111	0.00
11 T	Tert butyl alcohol	0.051	0.048	5.9	104	0.01
12 CM	1,1-Dichloroethene	0.424	0.403	5.0#	109	0.00
13 T	Acrolein	0.025	0.016	36.0#	100	0.00
14 T	Allyl chloride	0.624	0.607	2.7	111	0.00
15 T	Acrylonitrile	0.150	0.141	6.0	102	0.00
16 T	Acetone	0.119	0.104	12.6	102	0.00
17 T	Carbon Disulfide	1.249	1.107	11.4	108	0.00
18 T	Methyl Acetate	0.377	0.320	15.1	105	0.00
19 T	Methyl tert-butyl Ether	1.143	1.112	2.7	106	-0.01
20 T	Methylene Chloride	0.605	0.488	19.3	106	0.00
21 T	trans-1,2-Dichloroethene	0.520	0.493	5.2	107	0.00
22 T	Diisopropyl ether	1.322	1.293	2.2	105	0.00
23 T	Vinyl Acetate	0.932	0.938	-0.6	105	0.00
24 P	1,1-Dichloroethane	0.877	0.853	2.7	108	0.00
25 T	2-Butanone	0.195	0.187	4.1	103	0.00
26 T	2,2-Dichloropropane	0.834	0.811	2.8	108	0.00
27 T	cis-1,2-Dichloroethene	0.577	0.555	3.8	106	0.00
28 T	Bromochloromethane	0.332	0.330	0.6	104	0.00
29 T	Tetrahydrofuran	0.130	0.122	6.2	99	0.00
30 C	Chloroform	0.940	0.912	3.0#	106	0.00
31 T	Cyclohexane	0.817	0.742	9.2	106	0.00
32 T	1,1,1-Trichloroethane	0.872	0.864	0.9	108	0.00
33 S	1,2-Dichloroethane-d4	0.464	0.504	-8.6	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35 S	Dibromofluoromethane	0.292	0.296	-1.4	104	0.00
36 T	1,1-Dichloropropene	0.468	0.435	7.1	106	0.00
37 T	Ethyl Acetate	0.279	0.243	12.9	101	0.00
38 T	Carbon Tetrachloride	0.501	0.475	5.2	109	0.00
39 T	Methylcyclohexane	0.555	0.545	1.8	110	0.00
40 TM	Benzene	1.309	1.243	5.0	106	0.00
41 T	Methacrylonitrile	0.147	0.161	-9.5	125	0.00
42 TM	1,2-Dichloroethane	0.384	0.361	6.0	106	0.00
43 T	Isopropyl Acetate	0.464	0.445	4.1	105	0.00
44 TM	Trichloroethene	0.356	0.338	5.1	106	0.00
45 C	1,2-Dichloropropane	0.311	0.301	3.2#	106	0.00
46 T	Dibromomethane	0.204	0.192	5.9	107	0.00
47 T	Bromodichloromethane	0.453	0.444	2.0	109	0.00
48 T	Methyl methacrylate	0.204	0.197	3.4	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	97	0.00
50 S	Toluene-d8	1.136	1.268	-11.6	105	0.00
51 T	4-Methyl-2-Pentanone	0.274	0.264	3.6	103	0.00
52 CM	Toluene	0.890	0.884	0.7#	105	0.00
53 T	t-1,3-Dichloropropene	0.471	0.478	-1.5	108	0.00
54 T	cis-1,3-Dichloropropene	0.508	0.501	1.4	109	0.00
55 T	1,1,2-Trichloroethane	0.278	0.273	1.8	105	0.00
56 T	Ethyl methacrylate	0.337	0.348	-3.3	107	0.00
57 T	1,3-Dichloropropane	0.457	0.444	2.8	106	0.00
58 T	2-Chloroethyl Vinyl ether	0.172	0.175	-1.7	105	0.00
59 T	2-Hexanone	0.196	0.192	2.0	100	0.00
60 T	Dibromochloromethane	0.334	0.331	0.9	108	0.00
61 T	1,2-Dibromoethane	0.277	0.274	1.1	106	0.00
62 S	4-Bromofluorobenzene	0.400	0.454	-13.5	107	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.320	0.311	2.8	110	0.00
65 PM	Chlorobenzene	1.012	0.984	2.8	106	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.364	1.6	107	0.00
67 C	Ethyl Benzene	1.807	1.816	-0.5#	106	0.00
68 T	m/p-Xylenes	0.720	0.755	-4.9	106	0.00
69 T	o-Xylene	0.665	0.695	-4.5	106	0.00
70 T	Styrene	1.126	1.214	-7.8	106	0.00
71 P	Bromoform	0.251	0.253	-0.8	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	3.429	3.145	8.3	107	0.00
74 T	N-amyl acetate	0.819	0.736	10.1	103	0.00
75 P	1,1,2,2-Tetrachloroethane	0.762	0.682	10.5	109	0.00
76 T	1,2,3-Trichloropropane	0.578	0.496	14.2	104	0.00
77 T	Bromobenzene	0.795	0.698	12.2	106	0.00
78 T	n-propylbenzene	4.213	3.901	7.4	106	0.00
79 T	2-Chlorotoluene	2.282	2.132	6.6	106	0.00
80 T	1,3,5-Trimethylbenzene	2.769	2.689	2.9	105	0.00
81 T	trans-1,4-Dichloro-2-butene	0.264	0.242	8.3	103	0.00
82 T	4-Chlorotoluene	2.411	2.348	2.6	106	0.00
83 T	tert-Butylbenzene	2.490	2.428	2.5	106	0.00
84 T	1,2,4-Trimethylbenzene	2.741	2.692	1.8	106	0.00
85 T	sec-Butylbenzene	3.885	3.787	2.5	105	0.00
86 T	p-Isopropyltoluene	3.168	3.177	-0.3	105	0.00
87 T	1,3-Dichlorobenzene	1.670	1.587	5.0	105	0.00
88 T	1,4-Dichlorobenzene	1.651	1.577	4.5	104	0.00
89 T	n-Butylbenzene	3.007	2.949	1.9	106	0.00
90 T	Hexachloroethane	0.599	0.572	4.5	108	0.00
91 T	1,2-Dichlorobenzene	1.460	1.399	4.2	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.130	0.114	12.3	104	0.00
93 T	1,2,4-Trichlorobenzene	0.797	0.730	8.4	106	0.00
94 T	Hexachlorobutadiene	0.459	0.406	11.5	105	0.00
95 T	Naphthalene	1.782	1.615	9.4	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.700	0.628	10.3	104	0.00

(#) = Out of Range

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