

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
 Data File : VY012213.D
 Acq On : 17 Jan 2023 10:08
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 18 00:30:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 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	97	0.00
2 T	Dichlorodifluoromethane	0.437	0.414	5.3	108	0.00
3 P	Chloromethane	0.403	0.372	7.7	99	0.00
4 C	Vinyl Chloride	0.471	0.457	3.0#	102	0.00
5 T	Bromomethane	0.364	0.364	0.0	106	0.01
6 T	Chloroethane	0.307	0.307	0.0	104	0.00
7 T	Trichlorofluoromethane	0.919	0.931	-1.3	108	0.00
8 T	Diethyl Ether	0.273	0.249	8.8	93	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.447	0.457	-2.2	109	0.00
10 T	Methyl Iodide	0.680	0.628	7.6	89	0.00
11 T	Tert butyl alcohol	0.057	0.032	43.9#	67	0.04
12 CM	1,1-Dichloroethene	0.459	0.463	-0.9#	103	0.00
13 T	Acrolein	0.023	0.013	43.5#	79	0.01
14 T	Allyl chloride	0.568	0.557	1.9	100	0.00
15 T	Acrylonitrile	0.119	0.100	16.0	83	0.00
16 T	Acetone	0.139	0.133	4.3	84	0.02
17 T	Carbon Disulfide	1.420	1.405	1.1	102	0.00
18 T	Methyl Acetate	0.312	0.250	19.9	81	0.01
19 T	Methyl tert-butyl Ether	1.280	1.207	5.7	92	0.00
20 T	Methylene Chloride	0.762	0.493	35.3#	84	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.515	-0.6	101	0.00
22 T	Diisopropyl ether	1.132	1.114	1.6	99	0.00
23 T	Vinyl Acetate	0.705	0.662	6.1	92	0.00
24 P	1,1-Dichloroethane	0.785	0.789	-0.5	101	0.00
25 T	2-Butanone	0.154	0.136	11.7	84	0.00
26 T	2,2-Dichloropropane	0.852	0.875	-2.7	105	0.00
27 T	cis-1,2-Dichloroethene	0.563	0.569	-1.1	101	0.00
28 T	Bromochloromethane	0.171	0.147	14.0	90	0.00
29 T	Tetrahydrofuran	0.084	0.068	19.0	78	0.00
30 C	Chloroform	0.927	0.962	-3.8#	104	0.00
31 T	Cyclohexane	0.729	0.709	2.7	109	0.00
32 T	1,1,1-Trichloroethane	0.918	0.953	-3.8	105	0.00
33 S	1,2-Dichloroethane-d4	0.465	0.403	13.3	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.265	0.245	7.5	98	0.00
36 T	1,1-Dichloropropene	0.450	0.463	-2.9	105	0.00
37 T	Ethyl Acetate	0.198	0.174	12.1	86	0.00
38 T	Carbon Tetrachloride	0.581	0.607	-4.5	106	0.00
39 T	Methylcyclohexane	0.550	0.577	-4.9	108	0.00
40 TM	Benzene	1.299	1.318	-1.5	103	0.00
41 T	Methacrylonitrile	0.117	0.108	7.7	86	0.00
42 TM	1,2-Dichloroethane	0.413	0.409	1.0	97	0.00
43 T	Isopropyl Acetate	0.369	0.328	11.1	86	0.00
44 TM	Trichloroethene	0.388	0.397	-2.3	103	0.00
45 C	1,2-Dichloropropane	0.271	0.273	-0.7#	101	0.00
46 T	Dibromomethane	0.181	0.178	1.7	97	0.00
47 T	Bromodichloromethane	0.457	0.462	-1.1	100	0.00
48 T	Methyl methacrylate	0.170	0.150	11.8	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	75	0.02
50 S	Toluene-d8	1.044	0.920	11.9	100	0.00
51 T	4-Methyl-2-Pentanone	0.197	0.172	12.7	84	0.00
52 CM	Toluene	0.865	0.890	-2.9#	102	0.00
53 T	t-1,3-Dichloropropene	0.478	0.467	2.3	95	0.00
54 T	cis-1,3-Dichloropropene	0.514	0.514	0.0	98	0.00
55 T	1,1,2-Trichloroethane	0.258	0.248	3.9	94	0.00
56 T	Ethyl methacrylate	0.338	0.324	4.1	91	0.00
57 T	1,3-Dichloropropane	0.421	0.412	2.1	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.112	0.098	12.5	87	0.00
59 T	2-Hexanone	0.150	0.139	7.3	85	0.00
60 T	Dibromochloromethane	0.342	0.339	0.9	95	0.00
61 T	1,2-Dibromoethane	0.249	0.239	4.0	94	0.00
62 S	4-Bromofluorobenzene	0.373	0.350	6.2	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.456	0.494	-8.3	106	0.00
65 PM	Chlorobenzene	1.023	1.036	-1.3	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.397	-2.8	100	0.00
67 C	Ethyl Benzene	1.828	1.891	-3.4#	103	0.00
68 T	m/p-Xylenes	0.723	0.755	-4.4	103	0.00
69 T	o-Xylene	0.690	0.715	-3.6	102	0.00
70 T	Styrene	1.154	1.195	-3.6	101	0.00
71 P	Bromoform	0.247	0.238	3.6	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.605	3.812	-5.7	103	0.00
74 T	N-amyl acetate	0.707	0.643	9.1	85	0.00
75 P	1,1,2,2-Tetrachloroethane	0.568	0.523	7.9	88	0.00
76 T	1,2,3-Trichloropropane	0.460	0.415	9.8	78	0.00
77 T	Bromobenzene	0.868	0.893	-2.9	100	0.00
78 T	n-propylbenzene	4.219	4.442	-5.3	105	0.00
79 T	2-Chlorotoluene	2.385	2.492	-4.5	103	0.00
80 T	1,3,5-Trimethylbenzene	3.134	3.322	-6.0	105	0.00
81 T	trans-1,4-Dichloro-2-butene	0.223	0.207	7.2	87	0.00
82 T	4-Chlorotoluene	2.506	2.591	-3.4	103	0.00
83 T	tert-Butylbenzene	2.732	2.858	-4.6	105	0.00
84 T	1,2,4-Trimethylbenzene	3.091	3.284	-6.2	103	0.00
85 T	sec-Butylbenzene	3.889	4.073	-4.7	104	0.00
86 T	p-Isopropyltoluene	3.398	3.624	-6.7	106	0.00
87 T	1,3-Dichlorobenzene	1.725	1.762	-2.1	101	0.00
88 T	1,4-Dichlorobenzene	1.721	1.737	-0.9	100	0.00
89 T	n-Butylbenzene	2.945	3.093	-5.0	105	0.00
90 T	Hexachloroethane	0.613	0.636	-3.8	104	0.00
91 T	1,2-Dichlorobenzene	1.540	1.555	-1.0	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.117	0.103	12.0	84	0.00
93 T	1,2,4-Trichlorobenzene	0.987	0.987	0.0	101	0.00
94 T	Hexachlorobutadiene	0.594	0.628	-5.7	109	0.00
95 T	Naphthalene	1.947	1.843	5.3	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.849	0.833	1.9	99	0.00

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