

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013083.D
 Acq On : 24 Mar 2023 17:16
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 25 03:36:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 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	84	0.00
2 T	Dichlorodifluoromethane	0.493	0.473	4.1	85	0.00
3 P	Chloromethane	0.589	0.495	16.0	77	0.00
4 C	Vinyl Chloride	0.540	0.524	3.0#	83	0.00
5 T	Bromomethane	0.328	0.331	-0.9	87	0.00
6 T	Chloroethane	0.324	0.336	-3.7	88	0.00
7 T	Trichlorofluoromethane	0.897	0.863	3.8	83	0.00
8 T	Diethyl Ether	0.314	0.265	15.6	71	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.540	0.528	2.2	84	0.00
10 T	Methyl Iodide	0.703	0.690	1.8	78	0.00
11 T	Tert butyl alcohol	0.070	0.041	41.4#	60	0.00
12 CM	1,1-Dichloroethene	0.515	0.484	6.0#	80	0.00
13 T	Acrolein	0.087	0.047	46.0#	46#	0.00
14 T	Allyl chloride	0.951	0.851	10.5	75	0.00
15 T	Acrylonitrile	0.166	0.138	16.9	70	0.00
16 T	Acetone	0.195	0.171	12.3	68	0.00
17 T	Carbon Disulfide	1.753	1.605	8.4	78	0.00
18 T	Methyl Acetate	0.580	0.467	19.5	67	0.00
19 T	Methyl tert-butyl Ether	1.330	1.233	7.3	75	0.00
20 T	Methylene Chloride	0.714	0.655	8.3	90	0.00
21 T	trans-1,2-Dichloroethene	0.560	0.559	0.2	84	0.00
22 T	Diisopropyl ether	1.727	1.754	-1.6	83	0.00
23 T	Vinyl Acetate	1.073	1.005	6.3	75	0.00
24 P	1,1-Dichloroethane	0.984	0.997	-1.3	85	0.00
25 T	2-Butanone	0.241	0.202	16.2	67	0.00
26 T	2,2-Dichloropropane	0.874	0.880	-0.7	87	0.00
27 T	cis-1,2-Dichloroethene	0.600	0.616	-2.7	85	0.00
28 T	Bromochloromethane	0.360	0.329	8.6	75	0.00
29 T	Tetrahydrofuran	0.146	0.123	15.8	68	0.00
30 C	Chloroform	0.972	1.035	-6.5#	89	0.00
31 T	Cyclohexane	0.951	0.919	3.4	84	0.00
32 T	1,1,1-Trichloroethane	0.879	0.905	-3.0	87	0.00
33 S	1,2-Dichloroethane-d4	0.496	0.526	-6.0	90	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35 S	Dibromofluoromethane	0.302	0.370	-22.5	99	0.00
36 T	1,1-Dichloropropene	0.506	0.534	-5.5	85	0.00
37 T	Ethyl Acetate	0.319	0.278	12.9	72	0.00
38 T	Carbon Tetrachloride	0.522	0.578	-10.7	89	0.00
39 T	Methylcyclohexane	0.601	0.638	-6.2	83	0.00
40 TM	Benzene	1.430	1.518	-6.2	85	0.00
41 T	Methacrylonitrile	0.172	0.155	9.9	72	0.00
42 TM	1,2-Dichloroethane	0.430	0.447	-4.0	83	0.00
43 T	Isopropyl Acetate	0.569	0.511	10.2	71	0.00
44 TM	Trichloroethene	0.377	0.405	-7.4	86	0.00
45 C	1,2-Dichloropropane	0.361	0.388	-7.5#	87	0.00
46 T	Dibromomethane	0.206	0.213	-3.4	82	0.00
47 T	Bromodichloromethane	0.485	0.524	-8.0	86	0.00
48 T	Methyl methacrylate	0.262	0.246	6.1	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.002	33.3#	73	0.00
50 S	Toluene-d8	1.103	1.176	-6.6	87	0.00
51 T	4-Methyl-2-Pentanone	0.308	0.303	1.6	75	0.00
52 CM	Toluene	0.863	0.946	-9.6#	87	0.00
53 T	t-1,3-Dichloropropene	0.509	0.526	-3.3	81	0.00
54 T	cis-1,3-Dichloropropene	0.576	0.616	-6.9	84	0.00
55 T	1,1,2-Trichloroethane	0.287	0.294	-2.4	83	0.00
56 T	Ethyl methacrylate	0.382	0.384	-0.5	75	0.00
57 T	1,3-Dichloropropane	0.489	0.510	-4.3	83	0.00
58 T	2-Chloroethyl Vinyl ether	0.201	0.191	5.0	72	0.00
59 T	2-Hexanone	0.224	0.218	2.7	73	0.00
60 T	Dibromochloromethane	0.349	0.352	-0.9	81	0.00
61 T	1,2-Dibromoethane	0.276	0.270	2.2	78	0.00
62 S	4-Bromofluorobenzene	0.372	0.462	-24.2	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64 T	Tetrachloroethene	0.364	0.400	-9.9	87	0.00
65 PM	Chlorobenzene	1.049	1.127	-7.4	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.421	-8.5	86	0.00
67 C	Ethyl Benzene	1.845	2.059	-11.6#	86	0.00
68 T	m/p-Xylenes	0.710	0.799	-12.5	87	0.00
69 T	o-Xylene	0.662	0.740	-11.8	87	0.00
70 T	Styrene	1.105	1.270	-14.9	87	0.00
71 P	Bromoform	0.253	0.265	-4.7	83	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	3.544	3.624	-2.3	88	0.00
74 T	N-amyl acetate	1.115	0.979	12.2	75	0.00
75 P	1,1,2,2-Tetrachloroethane	0.797	0.730	8.4	81	0.00
76 T	1,2,3-Trichloropropane	0.597	0.564	5.5	83	0.00
77 T	Bromobenzene	0.861	0.855	0.7	88	0.00
78 T	n-propylbenzene	4.369	4.529	-3.7	89	0.00
79 T	2-Chlorotoluene	2.428	2.467	-1.6	88	0.00
80 T	1,3,5-Trimethylbenzene	2.924	2.997	-2.5	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.288	0.249	13.5	75	0.00
82 T	4-Chlorotoluene	2.513	2.573	-2.4	89	0.00
83 T	tert-Butylbenzene	2.524	2.618	-3.7	88	0.00
84 T	1,2,4-Trimethylbenzene	2.860	2.967	-3.7	89	0.00
85 T	sec-Butylbenzene	3.851	3.990	-3.6	90	0.00
86 T	p-Isopropyltoluene	3.147	3.272	-4.0	89	0.00
87 T	1,3-Dichlorobenzene	1.660	1.701	-2.5	90	0.00
88 T	1,4-Dichlorobenzene	1.694	1.674	1.2	88	0.00
89 T	n-Butylbenzene	3.013	3.129	-3.8	90	0.00
90 T	Hexachloroethane	0.655	0.671	-2.4	92	0.00
91 T	1,2-Dichlorobenzene	1.501	1.519	-1.2	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.129	0.115	10.9	77	0.00
93 T	1,2,4-Trichlorobenzene	0.924	0.891	3.6	83	0.00
94 T	Hexachlorobutadiene	0.564	0.569	-0.9	92	0.00
95 T	Naphthalene	1.852	1.710	7.7	77	0.00

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96 T	1,2,3-Trichlorobenzene	0.822	0.788	4.1	83	0.00

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