

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011609.D
 Acq On : 28 Nov 2022 19:03
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 29 00:26:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 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	89	0.00
2 T	Dichlorodifluoromethane	0.326	0.255	21.8	86	0.00
3 P	Chloromethane	0.482	0.411	14.7	84	0.00
4 C	Vinyl Chloride	0.566	0.468	17.3#	79	0.00
5 T	Bromomethane	0.421	0.332	21.1	81	0.00
6 T	Chloroethane	0.395	0.332	15.9	81	0.00
7 T	Trichlorofluoromethane	0.830	0.805	3.0	94	0.00
8 T	Diethyl Ether	0.268	0.300	-11.9	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.480	0.484	-0.8	95	-0.01
10 T	Methyl Iodide	0.559	0.579	-3.6	88	0.00
11 T	Tert butyl alcohol	0.066	0.069	-4.5	123	0.00
12 CM	1,1-Dichloroethene	0.439	0.442	-0.7#	93	-0.01
13 T	Acrolein	0.013	0.011	15.4	122	0.00
14 T	Allyl chloride	0.771	0.825	-7.0	95	0.00
15 T	Acrylonitrile	0.146	0.180	-23.3	115	0.00
16 T	Acetone	0.165	0.162	1.8	92	0.00
17 T	Carbon Disulfide	1.218	1.185	2.7	89	0.00
18 T	Methyl Acetate	0.435	0.454	-4.4	115	-0.01
19 T	Methyl tert-butyl Ether	1.254	1.496	-19.3	107	0.00
20 T	Methylene Chloride	0.834	0.641	23.1	89	0.00
21 T	trans-1,2-Dichloroethene	0.508	0.527	-3.7	94	-0.01
22 T	Diisopropyl ether	1.684	1.921	-14.1	99	0.00
23 T	Vinyl Acetate	0.981	1.204	-22.7	104	0.00
24 P	1,1-Dichloroethane	0.989	1.049	-6.1	99	0.00
25 T	2-Butanone	0.217	0.243	-12.0	104	0.00
26 T	2,2-Dichloropropane	0.912	0.924	-1.3	93	0.00
27 T	cis-1,2-Dichloroethene	0.598	0.644	-7.7	96	0.00
28 T	Bromochloromethane	0.397	0.440	-10.8	100	0.00
29 T	Tetrahydrofuran	0.122	0.155	-27.0#	116	0.00
30 C	Chloroform	1.025	1.109	-8.2#	100	0.00
31 T	Cyclohexane	0.842	0.832	1.2	91	0.00
32 T	1,1,1-Trichloroethane	0.917	0.945	-3.1	95	-0.01
33 S	1,2-Dichloroethane-d4	0.508	0.556	-9.4	111	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.308	0.339	-10.1	110	0.00
36 T	1,1-Dichloropropene	0.481	0.488	-1.5	93	0.00
37 T	Ethyl Acetate	0.274	0.326	-19.0	113	0.00
38 T	Carbon Tetrachloride	0.538	0.537	0.2	94	0.00
39 T	Methylcyclohexane	0.537	0.547	-1.9	90	0.00
40 TM	Benzene	1.402	1.457	-3.9	96	0.00
41 T	Methacrylonitrile	0.139	0.183	-31.7#	130	0.00
42 TM	1,2-Dichloroethane	0.433	0.467	-7.9	103	0.00
43 T	Isopropyl Acetate	0.494	0.574	-16.2	108	0.00
44 TM	Trichloroethene	0.377	0.387	-2.7	96	0.00
45 C	1,2-Dichloropropane	0.358	0.387	-8.1#	99	0.00
46 T	Dibromomethane	0.200	0.218	-9.0	103	0.00
47 T	Bromodichloromethane	0.505	0.551	-9.1	102	0.00
48 T	Methyl methacrylate	0.220	0.263	-19.5	109	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	121	0.00
50 S	Toluene-d8	1.119	1.163	-3.9	104	0.00
51 T	4-Methyl-2-Pentanone	0.275	0.339	-23.3	113	0.00
52 CM	Toluene	0.886	0.935	-5.5#	95	0.00
53 T	t-1,3-Dichloropropene	0.504	0.551	-9.3	101	0.00
54 T	cis-1,3-Dichloropropene	0.567	0.623	-9.9	101	0.00
55 T	1,1,2-Trichloroethane	0.287	0.323	-12.5	106	0.00
56 T	Ethyl methacrylate	0.356	0.437	-22.8	110	0.00
57 T	1,3-Dichloropropane	0.485	0.544	-12.2	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.175	0.205	-17.1	103	0.00
59 T	2-Hexanone	0.196	0.236	-20.4	108	0.00
60 T	Dibromochloromethane	0.351	0.391	-11.4	104	0.00
61 T	1,2-Dibromoethane	0.262	0.295	-12.6	105	0.00
62 S	4-Bromofluorobenzene	0.414	0.460	-11.1	108	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.412	0.412	0.0	95	0.00
65 PM	Chlorobenzene	1.047	1.054	-0.7	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.397	0.414	-4.3	97	0.00
67 C	Ethyl Benzene	1.890	1.928	-2.0#	94	0.00
68 T	m/p-Xylenes	0.720	0.734	-1.9	92	0.00
69 T	o-Xylene	0.670	0.703	-4.9	94	0.00
70 T	Styrene	1.144	1.228	-7.3	96	0.00
71 P	Bromoform	0.241	0.265	-10.0	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.616	3.666	-1.4	93	0.00
74 T	N-amyl acetate	0.893	1.015	-13.7	107	0.00
75 P	1,1,2,2-Tetrachloroethane	0.713	0.764	-7.2	107	0.00
76 T	1,2,3-Trichloropropane	0.538	0.597	-11.0	99	0.00
77 T	Bromobenzene	0.844	0.853	-1.1	97	0.00
78 T	n-propylbenzene	4.412	4.437	-0.6	92	0.00
79 T	2-Chlorotoluene	2.487	2.528	-1.6	95	0.00
80 T	1,3,5-Trimethylbenzene	3.048	3.111	-2.1	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.246	0.268	-8.9	108	0.00
82 T	4-Chlorotoluene	2.600	2.611	-0.4	94	0.00
83 T	tert-Butylbenzene	2.655	2.703	-1.8	93	0.00
84 T	1,2,4-Trimethylbenzene	3.011	3.097	-2.9	94	0.00
85 T	sec-Butylbenzene	3.962	3.986	-0.6	92	0.00
86 T	p-Isopropyltoluene	3.306	3.344	-1.1	91	0.00
87 T	1,3-Dichlorobenzene	1.719	1.696	1.3	95	0.00
88 T	1,4-Dichlorobenzene	1.719	1.674	2.6	94	0.00
89 T	n-Butylbenzene	3.039	3.065	-0.9	91	0.00
90 T	Hexachloroethane	0.668	0.662	0.9	97	0.00
91 T	1,2-Dichlorobenzene	1.524	1.548	-1.6	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.117	0.135	-15.4	115	0.00
93 T	1,2,4-Trichlorobenzene	0.845	0.902	-6.7	102	0.00
94 T	Hexachlorobutadiene	0.525	0.547	-4.2	102	0.00
95 T	Naphthalene	1.581	1.971	-24.7	118	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.817	-12.8	110	0.00

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