

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018824.D
 Acq On : 16 Jul 2024 10:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 17 01:50:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 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	87	0.00
2 T	Dichlorodifluoromethane	0.419	0.412	1.7	80	0.00
3 P	Chloromethane	0.637	0.645	-1.3	86	0.00
4 C	Vinyl Chloride	0.745	0.737	1.1#	82	0.00
5 T	Bromomethane	0.512	0.486	5.1	87	-0.01
6 T	Chloroethane	0.484	0.456	5.8	83	0.00
7 T	Trichlorofluoromethane	0.973	1.037	-6.6	87	0.00
8 T	Diethyl Ether	0.237	0.252	-6.3	91	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.505	-1.2	82	-0.01
10 T	Methyl Iodide	0.538	0.580	-7.8	84	0.00
11 T	Tert butyl alcohol	0.050	0.035	30.0#	82	0.00
12 CM	1,1-Dichloroethene	0.483	0.482	0.2#	85	0.00
13 T	Acrolein	0.040	0.029	27.5#	68	-0.01
14 T	Allyl chloride	0.598	0.591	1.2	85	0.00
15 T	Acrylonitrile	0.094	0.103	-9.6	94	0.00
16 T	Acetone	0.091	0.105	-15.4	103	0.00
17 T	Carbon Disulfide	1.353	1.317	2.7	81	0.00
18 T	Methyl Acetate	0.264	0.275	-4.2	98	0.00
19 T	Methyl tert-butyl Ether	1.121	1.216	-8.5	92	0.00
20 T	Methylene Chloride	0.610	0.562	7.9	91	-0.01
21 T	trans-1,2-Dichloroethene	0.510	0.527	-3.3	87	0.00
22 T	Diisopropyl ether	1.302	1.341	-3.0	90	0.00
23 T	Vinyl Acetate	1.026	1.085	-5.8	88	0.00
24 P	1,1-Dichloroethane	0.831	0.849	-2.2	89	0.00
25 T	2-Butanone	0.127	0.141	-11.0	97	0.00
26 T	2,2-Dichloropropane	0.771	0.743	3.6	83	0.00
27 T	cis-1,2-Dichloroethene	0.594	0.618	-4.0	91	0.00
28 T	Bromochloromethane	0.334	0.353	-5.7	92	0.00
29 T	Tetrahydrofuran	0.078	0.082	-5.1	88	0.00
30 C	Chloroform	0.926	0.977	-5.5#	92	0.00
31 T	Cyclohexane	0.756	0.715	5.4	83	0.00
32 T	1,1,1-Trichloroethane	0.861	0.907	-5.3	88	0.00
33 S	1,2-Dichloroethane-d4	0.492	0.476	3.3	80	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35 S	Dibromofluoromethane	0.313	0.317	-1.3	80	0.00
36 T	1,1-Dichloropropene	0.432	0.437	-1.2	83	0.00
37 T	Ethyl Acetate	0.180	0.195	-8.3	87	0.00
38 T	Carbon Tetrachloride	0.521	0.548	-5.2	84	0.00
39 T	Methylcyclohexane	0.554	0.579	-4.5	84	0.00
40 TM	Benzene	1.254	1.322	-5.4	89	0.00
41 T	Methacrylonitrile	0.102	0.117	-14.7	103	-0.02
42 TM	1,2-Dichloroethane	0.351	0.377	-7.4	90	0.00
43 T	Isopropyl Acetate	0.357	0.387	-8.4	90	0.00
44 TM	Trichloroethene	0.358	0.377	-5.3	89	0.00
45 C	1,2-Dichloropropane	0.273	0.290	-6.2#	90	0.00
46 T	Dibromomethane	0.177	0.202	-14.1	93	0.00
47 T	Bromodichloromethane	0.442	0.488	-10.4	92	0.00
48 T	Methyl methacrylate	0.162	0.183	-13.0	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	87	0.00
50 S	Toluene-d8	1.186	1.139	4.0	76	0.00
51 T	4-Methyl-2-Pentanone	0.182	0.200	-9.9	89	0.00
52 CM	Toluene	0.833	0.881	-5.8#	89	0.00
53 T	t-1,3-Dichloropropene	0.382	0.429	-12.3	94	0.00
54 T	cis-1,3-Dichloropropene	0.448	0.489	-9.2	90	0.00
55 T	1,1,2-Trichloroethane	0.224	0.246	-9.8	92	0.00
56 T	Ethyl methacrylate	0.295	0.326	-10.5	91	0.00
57 T	1,3-Dichloropropane	0.371	0.417	-12.4	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.141	0.161	-14.2	88	0.00
59 T	2-Hexanone	0.128	0.147	-14.8	93	0.00
60 T	Dibromochloromethane	0.308	0.354	-14.9	95	0.00
61 T	1,2-Dibromoethane	0.218	0.249	-14.2	93	0.00
62 S	4-Bromofluorobenzene	0.405	0.389	4.0	78	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.405	0.404	0.2	84	0.00
65 PM	Chlorobenzene	1.055	1.117	-5.9	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.363	0.390	-7.4	93	0.00
67 C	Ethyl Benzene	1.848	1.940	-5.0#	91	0.00
68 T	m/p-Xylenes	0.725	0.755	-4.1	90	0.00
69 T	o-Xylene	0.682	0.730	-7.0	92	0.00
70 T	Styrene	1.137	1.225	-7.7	93	0.00
71 P	Bromoform	0.198	0.230	-16.2	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.659	3.591	1.9	88	0.00
74 T	N-amyl acetate	0.748	0.777	-3.9	89	0.00
75 P	1,1,2,2-Tetrachloroethane	0.577	0.591	-2.4	94	0.00
76 T	1,2,3-Trichloropropane	0.392	0.454	-15.8	114	0.00
77 T	Bromobenzene	0.874	0.895	-2.4	95	0.00
78 T	n-propylbenzene	4.346	4.282	1.5	89	0.00
79 T	2-Chlorotoluene	2.443	2.406	1.5	91	0.00
80 T	1,3,5-Trimethylbenzene	2.994	3.008	-0.5	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.175	0.183	-4.6	90	0.00
82 T	4-Chlorotoluene	2.516	2.483	1.3	91	0.00
83 T	tert-Butylbenzene	2.764	2.725	1.4	90	0.00
84 T	1,2,4-Trimethylbenzene	2.975	2.995	-0.7	93	0.00
85 T	sec-Butylbenzene	3.924	3.936	-0.3	89	0.00
86 T	p-Isopropyltoluene	3.387	3.440	-1.6	92	0.00
87 T	1,3-Dichlorobenzene	1.716	1.747	-1.8	93	0.00
88 T	1,4-Dichlorobenzene	1.701	1.715	-0.8	94	0.00
89 T	n-Butylbenzene	3.071	3.070	0.0	89	0.00
90 T	Hexachloroethane	0.630	0.647	-2.7	92	0.00
91 T	1,2-Dichlorobenzene	1.482	1.536	-3.6	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.093	0.092	1.1	83	0.00
93 T	1,2,4-Trichlorobenzene	0.905	1.004	-10.9	97	0.00
94 T	Hexachlorobutadiene	0.521	0.560	-7.5	92	0.00
95 T	Naphthalene	1.552	1.767	-13.9	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.774	0.857	-10.7	97	0.00

(#) = Out of Range

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