

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050321\
 Data File : VY004699.D
 Acq On : 03 May 2021 18:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 04 01:15:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 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	79	0.00
2 T	Dichlorodifluoromethane	0.463	0.435	6.0	71	0.00
3 P	Chloromethane	0.670	0.697	-4.0	84	0.00
4 C	Vinyl Chloride	0.707	0.741	-4.8#	83	0.00
5 T	Bromomethane	0.345	0.407	-18.0	94	0.00
6 T	Chloroethane	0.424	0.476	-12.3	86	-0.01
7 T	Trichlorofluoromethane	0.885	0.961	-8.6	84	-0.01
8 T	Diethyl Ether	0.299	0.321	-7.4	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.491	0.542	-10.4	85	-0.01
10 T	Methyl Iodide	0.587	0.544	7.3	72	-0.01
11 T	Tert butyl alcohol	0.055	0.059	-7.3	96	0.00
12 CM	1,1-Dichloroethene	0.485	0.507	-4.5#	81	-0.01
13 T	Acrolein	0.061	0.022	63.9#	31#	0.00
14 T	Allyl chloride	0.928	0.957	-3.1	82	-0.02
15 T	Acrylonitrile	0.160	0.175	-9.4	91	0.00
16 T	Acetone	0.133	0.139	-4.5	96	0.00
17 T	Carbon Disulfide	1.494	1.343	10.1	69	-0.01
18 T	Methyl Acetate	0.387	0.437	-12.9	98	0.00
19 T	Methyl tert-butyl Ether	1.458	1.613	-10.6	89	-0.01
20 T	Methylene Chloride	0.537	0.622	-15.8	93	-0.01
21 T	trans-1,2-Dichloroethene	0.549	0.586	-6.7	83	-0.01
22 T	Diisopropyl ether	1.962	2.156	-9.9	86	-0.01
23 T	Vinyl Acetate	1.336	1.435	-7.4	86	-0.01
24 P	1,1-Dichloroethane	1.002	1.111	-10.9	86	-0.01
25 T	2-Butanone	0.212	0.242	-14.2	95	-0.01
26 T	2,2-Dichloropropane	0.899	0.974	-8.3	84	-0.01
27 T	cis-1,2-Dichloroethene	0.614	0.673	-9.6	86	-0.01
28 T	Bromochloromethane	0.456	0.512	-12.3	83	-0.01
29 T	Tetrahydrofuran	0.151	0.163	-7.9	91	-0.01
30 C	Chloroform	0.985	1.118	-13.5#	89	-0.01
31 T	Cyclohexane	1.018	0.972	4.5	77	-0.01
32 T	1,1,1-Trichloroethane	0.894	1.010	-13.0	87	-0.01
33 S	1,2-Dichloroethane-d4	0.556	0.630	-13.3	86	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
35 S	Dibromofluoromethane	0.277	0.276	0.4	73	0.00
36 T	1,1-Dichloropropene	0.497	0.537	-8.0	83	0.00
37 T	Ethyl Acetate	0.320	0.350	-9.4	92	0.00
38 T	Carbon Tetrachloride	0.430	0.520	-20.9	89	-0.01
39 T	Methylcyclohexane	0.612	0.648	-5.9	79	-0.01
40 TM	Benzene	1.396	1.555	-11.4	86	-0.01
41 T	Methacrylonitrile	0.194	0.186	4.1	71	-0.02
42 TM	1,2-Dichloroethane	0.438	0.502	-14.6	91	0.00
43 T	Isopropyl Acetate	0.607	0.677	-11.5	90	0.00
44 TM	Trichloroethene	0.381	0.427	-12.1	86	0.00
45 C	1,2-Dichloropropane	0.360	0.412	-14.4#	88	-0.01
46 T	Dibromomethane	0.196	0.226	-15.3	91	0.00
47 T	Bromodichloromethane	0.475	0.559	-17.7	91	0.00
48 T	Methyl methacrylate	0.279	0.319	-14.3	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	110	-0.01
50 S	Toluene-d8	1.180	1.295	-9.7	80	0.00
51 T	4-Methyl-2-Pentanone	0.312	0.362	-16.0	95	0.00
52 CM	Toluene	0.904	0.986	-9.1#	85	0.00
53 T	t-1,3-Dichloropropene	0.524	0.600	-14.5	90	0.00
54 T	cis-1,3-Dichloropropene	0.595	0.667	-12.1	87	0.00
55 T	1,1,2-Trichloroethane	0.270	0.315	-16.7	93	0.00
56 T	Ethyl methacrylate	0.392	0.449	-14.5	90	0.00
57 T	1,3-Dichloropropane	0.482	0.555	-15.1	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.201	0.229	-13.9	86	0.00
59 T	2-Hexanone	0.209	0.248	-18.7	97	0.00
60 T	Dibromochloromethane	0.321	0.383	-19.3	93	0.00
61 T	1,2-Dibromoethane	0.261	0.302	-15.7	92	0.00
62 S	4-Bromofluorobenzene	0.401	0.459	-14.5	86	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.435	0.506	-16.3	94	-0.01
65 PM	Chlorobenzene	1.020	1.116	-9.4	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.364	0.419	-15.1	93	0.00
67 C	Ethyl Benzene	1.909	2.089	-9.4#	88	0.00
68 T	m/p-Xylenes	0.709	0.781	-10.2	88	0.00
69 T	o-Xylene	0.665	0.731	-9.9	88	0.00
70 T	Styrene	1.101	1.254	-13.9	90	0.00
71 P	Bromoform	0.216	0.246	-13.9	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	3.864	4.072	-5.4	89	0.00
74 T	N-amyl acetate	1.301	1.354	-4.1	92	0.00
75 P	1,1,2,2-Tetrachloroethane	0.731	0.749	-2.5	93	0.00
76 T	1,2,3-Trichloropropane	0.537	0.613	-14.2	99	0.00
77 T	Bromobenzene	0.866	0.900	-3.9	92	0.00
78 T	n-propylbenzene	4.564	4.861	-6.5	90	0.00
79 T	2-Chlorotoluene	2.496	2.661	-6.6	91	0.00
80 T	1,3,5-Trimethylbenzene	3.140	3.394	-8.1	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.300	0.297	1.0	91	0.00
82 T	4-Chlorotoluene	2.636	2.834	-7.5	92	0.00
83 T	tert-Butylbenzene	2.688	2.860	-6.4	90	0.00
84 T	1,2,4-Trimethylbenzene	3.169	3.438	-8.5	93	0.00
85 T	sec-Butylbenzene	3.749	4.100	-9.4	92	0.00
86 T	p-Isopropyltoluene	3.411	3.740	-9.6	93	0.00
87 T	1,3-Dichlorobenzene	1.618	1.760	-8.8	94	0.00
88 T	1,4-Dichlorobenzene	1.628	1.711	-5.1	92	0.00
89 T	n-Butylbenzene	3.255	3.581	-10.0	93	0.00
90 T	Hexachloroethane	0.458	0.538	-17.5	99	0.00
91 T	1,2-Dichlorobenzene	1.436	1.546	-7.7	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.131	0.134	-2.3	99	0.00
93 T	1,2,4-Trichlorobenzene	0.949	0.960	-1.2	90	0.00
94 T	Hexachlorobutadiene	0.496	0.544	-9.7	93	0.00
95 T	Naphthalene	2.064	2.032	1.6	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.831	0.8	91	0.00

(#) = Out of Range

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