

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY007990.D
 Acq On : 22 Mar 2022 09:35
 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: Mar 23 05:04:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 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	62	0.00
2 T	Dichlorodifluoromethane	0.412	0.311	24.5	64	0.00
3 P	Chloromethane	0.529	0.457	13.6	75	0.00
4 C	Vinyl Chloride	0.613	0.603	1.6#	80	0.00
5 T	Bromomethane	0.427	0.445	-4.2	80	0.00
6 T	Chloroethane	0.409	0.434	-6.1	84	0.00
7 T	Trichlorofluoromethane	0.917	0.854	6.9	71	0.00
8 T	Diethyl Ether	0.340	0.337	0.9	73	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.592	0.575	2.9	73	0.00
10 T	Methyl Iodide	0.547	0.519	5.1	68	0.00
11 T	Tert butyl alcohol	0.066	0.067	-1.5	71	0.00
12 CM	1,1-Dichloroethene	0.543	0.492	9.4#	70	0.00
13 T	Acrolein	0.040	0.014	65.0#	48#	0.00
14 T	Allyl chloride	0.913	0.906	0.8	75	0.00
15 T	Acrylonitrile	0.181	0.193	-6.6	74	0.00
16 T	Acetone	0.151	0.165	-9.3	70	0.00
17 T	Carbon Disulfide	1.344	1.054	21.6	69	0.00
18 T	Methyl Acetate	0.488	0.404	17.2	74	0.00
19 T	Methyl tert-butyl Ether	1.703	1.826	-7.2	76	0.00
20 T	Methylene Chloride	0.715	0.633	11.5	68	0.00
21 T	trans-1,2-Dichloroethene	0.608	0.580	4.6	74	0.00
22 T	Diisopropyl ether	1.965	2.163	-10.1	79	0.00
23 T	Vinyl Acetate	1.231	1.411	-14.6	77	0.00
24 P	1,1-Dichloroethane	1.107	1.197	-8.1	79	0.00
25 T	2-Butanone	0.242	0.253	-4.5	71	0.00
26 T	2,2-Dichloropropane	1.026	1.114	-8.6	78	0.00
27 T	cis-1,2-Dichloroethene	0.730	0.752	-3.0	75	0.00
28 T	Bromochloromethane	0.437	0.497	-13.7	75	0.00
29 T	Tetrahydrofuran	0.155	0.158	-1.9	72	0.00
30 C	Chloroform	1.144	1.254	-9.6#	78	0.00
31 T	Cyclohexane	1.050	0.916	12.8	74	0.00
32 T	1,1,1-Trichloroethane	1.030	1.084	-5.2	77	0.00
33 S	1,2-Dichloroethane-d4	0.570	0.597	-4.7	80	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	69	0.00
35 S	Dibromofluoromethane	0.351	0.349	0.6	79	0.00
36 T	1,1-Dichloropropene	0.521	0.478	8.3	76	0.00
37 T	Ethyl Acetate	0.318	0.304	4.4	74	0.00
38 T	Carbon Tetrachloride	0.557	0.518	7.0	75	0.00
39 T	Methylcyclohexane	0.685	0.583	14.9	74	0.00
40 TM	Benzene	1.522	1.429	6.1	77	0.00
41 T	Methacrylonitrile	0.196	0.159	18.9	68	0.00
42 TM	1,2-Dichloroethane	0.441	0.444	-0.7	79	0.00
43 T	Isopropyl Acetate	0.613	0.590	3.8	74	0.00
44 TM	Trichloroethene	0.421	0.377	10.5	72	0.00
45 C	1,2-Dichloropropane	0.394	0.389	1.3#	78	0.00
46 T	Dibromomethane	0.231	0.227	1.7	77	0.00
47 T	Bromodichloromethane	0.557	0.558	-0.2	78	0.00
48 T	Methyl methacrylate	0.273	0.254	7.0	74	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	81	0.00
50 S	Toluene-d8	1.321	1.207	8.6	80	0.00
51 T	4-Methyl-2-Pentanone	0.323	0.312	3.4	74	0.00
52 CM	Toluene	0.977	0.930	4.8#	77	0.00
53 T	t-1,3-Dichloropropene	0.594	0.583	1.9	77	0.00
54 T	cis-1,3-Dichloropropene	0.663	0.648	2.3	77	0.00
55 T	1,1,2-Trichloroethane	0.335	0.336	-0.3	78	0.00
56 T	Ethyl methacrylate	0.481	0.463	3.7	75	0.00
57 T	1,3-Dichloropropane	0.559	0.556	0.5	78	0.00
58 T	2-Chloroethyl Vinyl ether	0.236	0.230	2.5	71	0.00
59 T	2-Hexanone	0.231	0.220	4.8	72	0.00
60 T	Dibromochloromethane	0.401	0.396	1.2	76	0.00
61 T	1,2-Dibromoethane	0.324	0.307	5.2	75	0.00
62 S	4-Bromofluorobenzene	0.504	0.466	7.5	78	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	70	0.00
64 T	Tetrachloroethene	0.389	0.326	16.2	70	0.00
65 PM	Chlorobenzene	1.198	1.152	3.8	77	0.00
66 T	1,1,1,2-Tetrachloroethane	0.451	0.445	1.3	76	0.00
67 C	Ethyl Benzene	2.134	2.052	3.8#	78	0.00
68 T	m/p-Xylenes	0.832	0.797	4.2	78	0.00
69 T	o-Xylene	0.805	0.781	3.0	78	0.00
70 T	Styrene	1.353	1.337	1.2	78	0.00
71 P	Bromoform	0.289	0.265	8.3	70	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	71	0.00
73 T	Isopropylbenzene	4.401	4.296	2.4	79	0.00
74 T	N-amyl acetate	1.298	1.233	5.0	75	0.00
75 P	1,1,2,2-Tetrachloroethane	0.947	0.937	1.1	77	0.00
76 T	1,2,3-Trichloropropane	0.713	0.607	14.9	66	0.00
77 T	Bromobenzene	1.006	0.949	5.7	76	0.00
78 T	n-propylbenzene	5.314	5.154	3.0	79	0.00
79 T	2-Chlorotoluene	2.990	2.921	2.3	79	0.00
80 T	1,3,5-Trimethylbenzene	3.619	3.527	2.5	79	0.00
81 T	trans-1,4-Dichloro-2-butene	0.339	0.319	5.9	73	0.00
82 T	4-Chlorotoluene	3.106	2.996	3.5	77	0.00
83 T	tert-Butylbenzene	3.239	3.279	-1.2	81	0.00
84 T	1,2,4-Trimethylbenzene	3.548	3.453	2.7	79	0.00
85 T	sec-Butylbenzene	4.854	4.813	0.8	80	0.00
86 T	p-Isopropyltoluene	3.941	3.906	0.9	80	0.00
87 T	1,3-Dichlorobenzene	1.964	1.946	0.9	79	0.00
88 T	1,4-Dichlorobenzene	1.969	1.927	2.1	78	0.00
89 T	n-Butylbenzene	3.782	3.739	1.1	79	0.00
90 T	Hexachloroethane	0.787	0.782	0.6	78	0.00
91 T	1,2-Dichlorobenzene	1.767	1.759	0.5	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.148	9.2	75	0.00
93 T	1,2,4-Trichlorobenzene	1.117	0.987	11.6	68	0.00
94 T	Hexachlorobutadiene	0.596	0.485	18.6	64	0.00
95 T	Naphthalene	2.492	2.266	9.1	69	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.985	0.859	12.8	66	0.00

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