

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv012220\
 Data File : VY001342.D
 Acq On : 22 Jan 2020 19:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 23 04:21:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	103	0.00
2 T	Dichlorodifluoromethane	0.394	0.395	-0.3	103	0.00
3 P	Chloromethane	0.596	0.566	5.0	102	0.00
4 C	Vinyl Chloride	0.621	0.598	3.7#	100	0.00
5 T	Bromomethane	0.418	0.414	1.0	107	0.00
6 T	Chloroethane	0.397	0.390	1.8	103	0.00
7 T	Trichlorofluoromethane	0.795	0.801	-0.8	105	0.00
8 T	Diethyl Ether	0.336	0.330	1.8	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.506	0.512	-1.2	104	0.00
10 T	Methyl Iodide	0.668	0.651	2.5	95	0.00
11 T	Tert butyl alcohol	0.083	0.066	20.5	105	0.01
12 CM	1,1-Dichloroethene	0.531	0.524	1.3#	104	0.00
13 T	Acrolein	0.045	0.044	2.2	123	0.00
14 T	Allyl chloride	0.947	0.933	1.5	103	0.00
15 T	Acrylonitrile	0.172	0.173	-0.6	106	0.00
16 T	Acetone	0.157	0.157	0.0	109	0.00
17 T	Carbon Disulfide	1.670	1.621	2.9	103	0.00
18 T	Methyl Acetate	0.459	0.433	5.7	105	0.00
19 T	Methyl tert-butyl Ether	1.554	1.541	0.8	104	0.00
20 T	Methylene Chloride	0.838	0.631	24.7	100	0.00
21 T	trans-1,2-Dichloroethene	0.617	0.598	3.1	102	0.00
22 T	Diisopropyl ether	2.010	1.975	1.7	104	0.01
23 T	Vinyl Acetate	1.305	1.295	0.8	104	0.01
24 P	1,1-Dichloroethane	1.060	1.053	0.7	104	0.00
25 T	2-Butanone	0.237	0.239	-0.8	108	0.01
26 T	2,2-Dichloropropane	0.944	0.876	7.2	100	0.01
27 T	cis-1,2-Dichloroethene	0.689	0.685	0.6	104	0.01
28 T	Bromochloromethane	0.437	0.453	-3.7	104	0.00
29 T	Tetrahydrofuran	0.154	0.154	0.0	106	0.01
30 C	Chloroform	1.039	1.026	1.3#	106	0.00
31 T	Cyclohexane	1.052	0.998	5.1	104	0.00
32 T	1,1,1-Trichloroethane	0.877	0.871	0.7	104	0.00
33 S	1,2-Dichloroethane-d4	0.544	0.576	-5.9	107	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.01
35 S	Dibromofluoromethane	0.293	0.299	-2.0	107	0.01
36 T	1,1-Dichloropropene	0.472	0.456	3.4	103	0.01
37 T	Ethyl Acetate	0.289	0.284	1.7	105	0.01
38 T	Carbon Tetrachloride	0.421	0.415	1.4	104	0.01
39 T	Methylcyclohexane	0.605	0.590	2.5	103	0.01
40 TM	Benzene	1.416	1.394	1.6	104	0.01
41 T	Methacrylonitrile	0.149	0.148	0.7	110	0.01
42 TM	1,2-Dichloroethane	0.396	0.388	2.0	104	0.01
43 T	Isopropyl Acetate	0.561	0.566	-0.9	105	0.01
44 TM	Trichloroethene	0.363	0.353	2.8	104	0.02
45 C	1,2-Dichloropropane	0.358	0.355	0.8#	105	0.01

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.192	0.189	1.6	105	0.01
47 T	Bromodichloromethane	0.460	0.458	0.4	106	0.01
48 T	Methyl methacrylate	0.255	0.253	0.8	105	0.01
49 T	1,4-Dioxane	0.003	0.003	0.0	109	0.01
50 S	Toluene-d8	1.140	1.191	-4.5	104	0.02
51 T	4-Methyl-2-Pentanone	0.289	0.290	-0.3	106	0.01
52 CM	Toluene	0.898	0.873	2.8#	103	0.01
53 T	t-1,3-Dichloropropene	0.509	0.506	0.6	103	0.01
54 T	cis-1,3-Dichloropropene	0.585	0.582	0.5	105	0.01
55 T	1,1,2-Trichloroethane	0.284	0.279	1.8	103	0.02
56 T	Ethyl methacrylate	0.429	0.430	-0.2	105	0.01
57 T	1,3-Dichloropropane	0.494	0.495	-0.2	106	0.01
58 T	2-Chloroethyl Vinyl ether	0.148	0.143	3.4	118	0.01
59 T	2-Hexanone	0.201	0.208	-3.5	106	0.01
60 T	Dibromochloromethane	0.317	0.318	-0.3	106	0.01
61 T	1,2-Dibromoethane	0.268	0.268	0.0	104	0.01
62 S	4-Bromofluorobenzene	0.454	0.453	0.2	104	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.01
64 T	Tetrachloroethene	0.319	0.323	-1.3	109	0.02
65 PM	Chlorobenzene	1.054	1.039	1.4	105	0.01
66 T	1,1,1,2-Tetrachloroethane	0.360	0.366	-1.7	106	0.01
67 C	Ethyl Benzene	1.942	1.898	2.3#	103	0.00
68 T	m/p-Xylenes	0.725	0.716	1.2	104	0.00
69 T	o-Xylene	0.698	0.680	2.6	103	0.01
70 T	Styrene	1.224	1.230	-0.5	105	0.00
71 P	Bromoform	0.215	0.218	-1.4	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	3.945	3.794	3.8	102	0.01
74 T	N-amyl acetate	1.291	1.304	-1.0	106	0.00
75 P	1,1,2,2-Tetrachloroethane	0.845	0.838	0.8	104	0.00
76 T	1,2,3-Trichloropropane	0.603	0.616	-2.2	108	0.01
77 T	Bromobenzene	0.874	0.847	3.1	103	0.00
78 T	n-propylbenzene	4.749	4.613	2.9	102	0.01
79 T	2-Chlorotoluene	2.713	2.639	2.7	104	0.01
80 T	1,3,5-Trimethylbenzene	3.293	3.198	2.9	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.318	0.318	0.0	106	0.00
82 T	4-Chlorotoluene	2.898	2.787	3.8	102	0.00
83 T	tert-Butylbenzene	2.776	2.717	2.1	103	0.00
84 T	1,2,4-Trimethylbenzene	3.306	3.221	2.6	104	0.00
85 T	sec-Butylbenzene	3.944	3.874	1.8	102	0.00
86 T	p-Isopropyltoluene	3.476	3.388	2.5	103	0.00
87 T	1,3-Dichlorobenzene	1.683	1.622	3.6	102	0.00
88 T	1,4-Dichlorobenzene	1.709	1.660	2.9	104	0.00
89 T	n-Butylbenzene	3.498	3.409	2.5	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.659	0.653	0.9	103	0.00
91 T	1,2-Dichlorobenzene	1.552	1.518	2.2	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.146	0.144	1.4	107	0.00
93 T	1,2,4-Trichlorobenzene	1.042	0.999	4.1	106	0.00
94 T	Hexachlorobutadiene	0.507	0.486	4.1	104	0.00
95 T	Naphthalene	2.382	2.370	0.5	108	0.00
96 T	1,2,3-Trichlorobenzene	0.914	0.881	3.6	105	0.00

(#) = Out of Range

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