

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv012420\
 Data File : VY001371.D
 Acq On : 24 Jan 2020 10:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 25 04:08:43 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	102	-0.01
2 T	Dichlorodifluoromethane	0.394	0.408	-3.6	105	-0.01
3 P	Chloromethane	0.596	0.582	2.3	103	-0.01
4 C	Vinyl Chloride	0.621	0.618	0.5#	102	0.00
5 T	Bromomethane	0.418	0.402	3.8	103	-0.02
6 T	Chloroethane	0.397	0.402	-1.3	104	-0.01
7 T	Trichlorofluoromethane	0.795	0.827	-4.0	107	-0.02
8 T	Diethyl Ether	0.336	0.325	3.3	101	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.506	0.535	-5.7	107	-0.02
10 T	Methyl Iodide	0.668	0.671	-0.4	97	-0.02
11 T	Tert butyl alcohol	0.083	0.055	33.7#	86	-0.02
12 CM	1,1-Dichloroethene	0.531	0.537	-1.1#	105	-0.02
13 T	Acrolein	0.045	0.051	-13.3	141	-0.02
14 T	Allyl chloride	0.947	0.953	-0.6	104	-0.02
15 T	Acrylonitrile	0.172	0.170	1.2	103	-0.02
16 T	Acetone	0.157	0.160	-1.9	110	-0.02
17 T	Carbon Disulfide	1.670	1.637	2.0	102	-0.02
18 T	Methyl Acetate	0.459	0.424	7.6	101	-0.02
19 T	Methyl tert-butyl Ether	1.554	1.520	2.2	101	-0.02
20 T	Methylene Chloride	0.838	0.601	28.3#	94	-0.03
21 T	trans-1,2-Dichloroethene	0.617	0.604	2.1	102	-0.03
22 T	Diisopropyl ether	2.010	1.984	1.3	103	-0.02
23 T	Vinyl Acetate	1.305	1.311	-0.5	103	-0.02
24 P	1,1-Dichloroethane	1.060	1.049	1.0	103	-0.02
25 T	2-Butanone	0.237	0.240	-1.3	106	-0.01
26 T	2,2-Dichloropropane	0.944	0.927	1.8	105	-0.01
27 T	cis-1,2-Dichloroethene	0.689	0.681	1.2	102	-0.02
28 T	Bromochloromethane	0.437	0.433	0.9	98	-0.02
29 T	Tetrahydrofuran	0.154	0.151	1.9	102	-0.02
30 C	Chloroform	1.039	1.027	1.2#	104	-0.01
31 T	Cyclohexane	1.052	1.039	1.2	106	-0.01
32 T	1,1,1-Trichloroethane	0.877	0.879	-0.2	103	-0.01
33 S	1,2-Dichloroethane-d4	0.544	0.559	-2.8	102	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.293	0.306	-4.4	104	-0.01
36 T	1,1-Dichloropropene	0.472	0.489	-3.6	105	0.00
37 T	Ethyl Acetate	0.289	0.289	0.0	101	-0.01
38 T	Carbon Tetrachloride	0.421	0.448	-6.4	106	-0.01
39 T	Methylcyclohexane	0.605	0.647	-6.9	107	0.00
40 TM	Benzene	1.416	1.443	-1.9	103	-0.01
41 T	Methacrylonitrile	0.149	0.150	-0.7	107	-0.02
42 TM	1,2-Dichloroethane	0.396	0.404	-2.0	103	0.00
43 T	Isopropyl Acetate	0.561	0.584	-4.1	103	-0.01
44 TM	Trichloroethene	0.363	0.369	-1.7	104	0.00
45 C	1,2-Dichloropropane	0.358	0.369	-3.1#	103	0.00

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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	0.198	-3.1	104	0.00
47 T	Bromodichloromethane	0.460	0.472	-2.6	104	0.00
48 T	Methyl methacrylate	0.255	0.266	-4.3	105	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	98	0.00
50 S	Toluene-d8	1.140	1.251	-9.7	104	0.00
51 T	4-Methyl-2-Pentanone	0.289	0.296	-2.4	103	0.00
52 CM	Toluene	0.898	0.920	-2.4#	103	0.00
53 T	t-1,3-Dichloropropene	0.509	0.532	-4.5	103	0.00
54 T	cis-1,3-Dichloropropene	0.585	0.600	-2.6	103	0.00
55 T	1,1,2-Trichloroethane	0.284	0.289	-1.8	101	0.00
56 T	Ethyl methacrylate	0.429	0.441	-2.8	102	0.00
57 T	1,3-Dichloropropane	0.494	0.510	-3.2	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.148	0.138	6.8	108	0.00
59 T	2-Hexanone	0.201	0.218	-8.5	106	0.00
60 T	Dibromochloromethane	0.317	0.327	-3.2	103	0.00
61 T	1,2-Dibromoethane	0.268	0.275	-2.6	101	0.00
62 S	4-Bromofluorobenzene	0.454	0.468	-3.1	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.319	0.325	-1.9	104	0.00
65 PM	Chlorobenzene	1.054	1.086	-3.0	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.360	0.375	-4.2	104	0.00
67 C	Ethyl Benzene	1.942	2.022	-4.1#	105	0.00
68 T	m/p-Xylenes	0.725	0.756	-4.3	104	0.00
69 T	o-Xylene	0.698	0.722	-3.4	104	0.00
70 T	Styrene	1.224	1.264	-3.3	103	0.00
71 P	Bromoform	0.215	0.221	-2.8	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.945	4.008	-1.6	104	0.00
74 T	N-amyl acetate	1.291	1.329	-2.9	104	0.00
75 P	1,1,2,2-Tetrachloroethane	0.845	0.864	-2.2	103	0.00
76 T	1,2,3-Trichloropropane	0.603	0.628	-4.1	105	0.00
77 T	Bromobenzene	0.874	0.881	-0.8	103	0.00
78 T	n-propylbenzene	4.749	4.924	-3.7	105	0.00
79 T	2-Chlorotoluene	2.713	2.765	-1.9	104	0.00
80 T	1,3,5-Trimethylbenzene	3.293	3.366	-2.2	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.318	0.332	-4.4	106	0.00
82 T	4-Chlorotoluene	2.898	2.938	-1.4	103	0.00
83 T	tert-Butylbenzene	2.776	2.861	-3.1	104	0.00
84 T	1,2,4-Trimethylbenzene	3.306	3.359	-1.6	104	0.00
85 T	sec-Butylbenzene	3.944	4.131	-4.7	104	0.00
86 T	p-Isopropyltoluene	3.476	3.609	-3.8	105	0.00
87 T	1,3-Dichlorobenzene	1.683	1.717	-2.0	104	0.00
88 T	1,4-Dichlorobenzene	1.709	1.726	-1.0	104	0.00
89 T	n-Butylbenzene	3.498	3.668	-4.9	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.659	0.693	-5.2	104	0.00
91 T	1,2-Dichlorobenzene	1.552	1.574	-1.4	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.146	0.144	1.4	103	0.00
93 T	1,2,4-Trichlorobenzene	1.042	1.030	1.2	104	0.00
94 T	Hexachlorobutadiene	0.507	0.510	-0.6	104	0.00
95 T	Naphthalene	2.382	2.416	-1.4	105	0.00
96 T	1,2,3-Trichlorobenzene	0.914	0.909	0.5	104	0.00

(#) = Out of Range

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