

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv012320\
 Data File : VY001344.D
 Acq On : 23 Jan 2020 11:07
 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 24 07:20:14 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	116	0.00
2 T	Dichlorodifluoromethane	0.394	0.380	3.6	112	0.00
3 P	Chloromethane	0.596	0.542	9.1	110	0.00
4 C	Vinyl Chloride	0.621	0.587	5.5#	111	0.00
5 T	Bromomethane	0.418	0.375	10.3	110	0.00
6 T	Chloroethane	0.397	0.367	7.6	109	0.00
7 T	Trichlorofluoromethane	0.795	0.768	3.4	113	0.00
8 T	Diethyl Ether	0.336	0.294	12.5	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.506	0.496	2.0	114	0.00
10 T	Methyl Iodide	0.668	0.628	6.0	104	0.00
11 T	Tert butyl alcohol	0.083	0.059	28.9#	106	0.00
12 CM	1,1-Dichloroethene	0.531	0.498	6.2#	112	0.00
13 T	Acrolein	0.045	0.056	-24.4	179#	0.00
14 T	Allyl chloride	0.947	0.884	6.7	110	0.00
15 T	Acrylonitrile	0.172	0.153	11.0	106	0.00
16 T	Acetone	0.157	0.162	-3.2	127	0.00
17 T	Carbon Disulfide	1.670	1.541	7.7	110	0.00
18 T	Methyl Acetate	0.459	0.385	16.1	105	-0.01
19 T	Methyl tert-butyl Ether	1.554	1.387	10.7	106	0.00
20 T	Methylene Chloride	0.838	0.565	32.6#	101	0.00
21 T	trans-1,2-Dichloroethene	0.617	0.570	7.6	110	0.00
22 T	Diisopropyl ether	2.010	1.821	9.4	108	0.00
23 T	Vinyl Acetate	1.305	1.185	9.2	107	0.00
24 P	1,1-Dichloroethane	1.060	0.981	7.5	110	0.00
25 T	2-Butanone	0.237	0.225	5.1	114	0.00
26 T	2,2-Dichloropropane	0.944	0.870	7.8	112	0.00
27 T	cis-1,2-Dichloroethene	0.689	0.632	8.3	109	0.00
28 T	Bromochloromethane	0.437	0.438	-0.2	114	0.00
29 T	Tetrahydrofuran	0.154	0.137	11.0	106	0.00
30 C	Chloroform	1.039	0.942	9.3#	109	0.00
31 T	Cyclohexane	1.052	0.977	7.1	114	0.00
32 T	1,1,1-Trichloroethane	0.877	0.826	5.8	111	0.00
33 S	1,2-Dichloroethane-d4	0.544	0.496	8.8	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
35 S	Dibromofluoromethane	0.293	0.268	8.5	103	0.00
36 T	1,1-Dichloropropene	0.472	0.458	3.0	112	0.00
37 T	Ethyl Acetate	0.289	0.266	8.0	106	0.00
38 T	Carbon Tetrachloride	0.421	0.418	0.7	113	0.00
39 T	Methylcyclohexane	0.605	0.608	-0.5	114	0.00
40 TM	Benzene	1.416	1.352	4.5	109	0.00
41 T	Methacrylonitrile	0.149	0.149	0.0	120	0.00
42 TM	1,2-Dichloroethane	0.396	0.370	6.6	107	0.00
43 T	Isopropyl Acetate	0.561	0.523	6.8	105	0.00
44 TM	Trichloroethene	0.363	0.345	5.0	110	0.01
45 C	1,2-Dichloropropane	0.358	0.341	4.7#	109	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	0.179	6.8	107	0.00
47 T	Bromodichloromethane	0.460	0.436	5.2	109	0.01
48 T	Methyl methacrylate	0.255	0.235	7.8	105	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	108	0.00
50 S	Toluene-d8	1.140	1.116	2.1	105	0.01
51 T	4-Methyl-2-Pentanone	0.289	0.268	7.3	106	0.00
52 CM	Toluene	0.898	0.854	4.9#	109	0.00
53 T	t-1,3-Dichloropropene	0.509	0.487	4.3	107	0.01
54 T	cis-1,3-Dichloropropene	0.585	0.561	4.1	109	0.00
55 T	1,1,2-Trichloroethane	0.284	0.261	8.1	104	0.01
56 T	Ethyl methacrylate	0.429	0.404	5.8	106	0.01
57 T	1,3-Dichloropropane	0.494	0.462	6.5	106	0.01
58 T	2-Chloroethyl Vinyl ether	0.148	0.133	10.1	118	0.00
59 T	2-Hexanone	0.201	0.201	0.0	111	0.01
60 T	Dibromochloromethane	0.317	0.303	4.4	109	0.01
61 T	1,2-Dibromoethane	0.268	0.251	6.3	105	0.01
62 S	4-Bromofluorobenzene	0.454	0.413	9.0	103	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
64 T	Tetrachloroethene	0.319	0.309	3.1	112	0.01
65 PM	Chlorobenzene	1.054	1.010	4.2	109	0.01
66 T	1,1,1,2-Tetrachloroethane	0.360	0.346	3.9	108	0.01
67 C	Ethyl Benzene	1.942	1.878	3.3#	110	0.00
68 T	m/p-Xylenes	0.725	0.707	2.5	110	0.00
69 T	o-Xylene	0.698	0.675	3.3	109	0.01
70 T	Styrene	1.224	1.192	2.6	110	0.00
71 P	Bromoform	0.215	0.205	4.7	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73 T	Isopropylbenzene	3.945	3.892	1.3	111	0.01
74 T	N-amyl acetate	1.291	1.240	4.0	107	0.00
75 P	1,1,2,2-Tetrachloroethane	0.845	0.806	4.6	106	0.00
76 T	1,2,3-Trichloropropane	0.603	0.495	17.9	91	0.01
77 T	Bromobenzene	0.874	0.830	5.0	107	0.00
78 T	n-propylbenzene	4.749	4.714	0.7	111	0.01
79 T	2-Chlorotoluene	2.713	2.641	2.7	110	0.01
80 T	1,3,5-Trimethylbenzene	3.293	3.219	2.2	109	0.00
81 T	trans-1,4-Dichloro-2-butene	0.318	0.309	2.8	109	0.00
82 T	4-Chlorotoluene	2.898	2.802	3.3	109	0.00
83 T	tert-Butylbenzene	2.776	2.777	-0.0	111	0.00
84 T	1,2,4-Trimethylbenzene	3.306	3.237	2.1	111	0.00
85 T	sec-Butylbenzene	3.944	4.002	-1.5	111	0.00
86 T	p-Isopropyltoluene	3.476	3.479	-0.1	112	0.00
87 T	1,3-Dichlorobenzene	1.683	1.627	3.3	108	0.00
88 T	1,4-Dichlorobenzene	1.709	1.637	4.2	109	0.00
89 T	n-Butylbenzene	3.498	3.561	-1.8	114	0.00

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90 T	Hexachloroethane	0.659	0.661	-0.3	110	0.00
91 T	1,2-Dichlorobenzene	1.552	1.491	3.9	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.146	0.135	7.5	106	0.00
93 T	1,2,4-Trichlorobenzene	1.042	0.965	7.4	108	0.00
94 T	Hexachlorobutadiene	0.507	0.492	3.0	111	0.00
95 T	Naphthalene	2.382	2.227	6.5	107	0.00
96 T	1,2,3-Trichlorobenzene	0.914	0.846	7.4	107	0.00

(#) = Out of Range

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