

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv012220\
 Data File : VY001328.D
 Acq On : 22 Jan 2020 13:52
 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 23 01:19:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:09:50 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	0.391	0.8	115	0.00
3 P	Chloromethane	0.596	0.551	7.6	112	0.00
4 C	Vinyl Chloride	0.621	0.604	2.7#	114	0.00
5 T	Bromomethane	0.418	0.390	6.7	114	0.00
6 T	Chloroethane	0.397	0.380	4.3	113	0.00
7 T	Trichlorofluoromethane	0.795	0.784	1.4	116	0.00
8 T	Diethyl Ether	0.336	0.304	9.5	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.506	0.505	0.2	116	0.00
10 T	Methyl Iodide	0.668	0.643	3.7	106	0.00
11 T	Tert butyl alcohol	0.083	0.061	26.5#	109	0.00
12 CM	1,1-Dichloroethene	0.531	0.513	3.4#	115	-0.01
13 T	Acrolein	0.045	0.048	-6.7	154#	0.00
14 T	Allyl chloride	0.947	0.896	5.4	112	-0.01
15 T	Acrylonitrile	0.172	0.160	7.0	111	0.00
16 T	Acetone	0.157	0.166	-5.7	131	0.00
17 T	Carbon Disulfide	1.670	1.595	4.5	114	0.00
18 T	Methyl Acetate	0.459	0.403	12.2	110	-0.01
19 T	Methyl tert-butyl Ether	1.554	1.407	9.5	107	0.00
20 T	Methylene Chloride	0.838	0.591	29.5#	106	-0.01
21 T	trans-1,2-Dichloroethene	0.617	0.574	7.0	111	0.00
22 T	Diisopropyl ether	2.010	1.851	7.9	110	0.00
23 T	Vinyl Acetate	1.305	1.223	6.3	110	0.00
24 P	1,1-Dichloroethane	1.060	0.996	6.0	111	0.00
25 T	2-Butanone	0.237	0.229	3.4	116	0.00
26 T	2,2-Dichloropropane	0.944	0.892	5.5	115	0.00
27 T	cis-1,2-Dichloroethene	0.689	0.642	6.8	110	0.00
28 T	Bromochloromethane	0.437	0.455	-4.1	118	0.00
29 T	Tetrahydrofuran	0.154	0.142	7.8	110	0.00
30 C	Chloroform	1.039	0.958	7.8#	111	0.00
31 T	Cyclohexane	1.052	0.998	5.1	117	0.00
32 T	1,1,1-Trichloroethane	0.877	0.859	2.1	116	0.00
33 S	1,2-Dichloroethane-d4	0.544	0.530	2.6	110	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	115	0.00
35 S	Dibromofluoromethane	0.293	0.278	5.1	110	0.00
36 T	1,1-Dichloropropene	0.472	0.460	2.5	115	0.00
37 T	Ethyl Acetate	0.289	0.268	7.3	109	0.00
38 T	Carbon Tetrachloride	0.421	0.422	-0.2	117	0.00
39 T	Methylcyclohexane	0.605	0.604	0.2	116	0.00
40 TM	Benzene	1.416	1.337	5.6	111	0.00
41 T	Methacrylonitrile	0.149	0.160	-7.4	133	0.00
42 TM	1,2-Dichloroethane	0.396	0.366	7.6	109	0.00
43 T	Isopropyl Acetate	0.561	0.529	5.7	109	0.00
44 TM	Trichloroethene	0.363	0.343	5.5	112	0.00
45 C	1,2-Dichloropropane	0.358	0.340	5.0#	111	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	0.178	7.3	110	0.00
47 T	Bromodichloromethane	0.460	0.430	6.5	111	0.01
48 T	Methyl methacrylate	0.255	0.238	6.7	109	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	114	0.00
50 S	Toluene-d8	1.140	1.164	-2.1	113	0.02
51 T	4-Methyl-2-Pentanone	0.289	0.271	6.2	110	0.01
52 CM	Toluene	0.898	0.853	5.0#	112	0.01
53 T	t-1,3-Dichloropropene	0.509	0.490	3.7	111	0.02
54 T	cis-1,3-Dichloropropene	0.585	0.554	5.3	111	0.00
55 T	1,1,2-Trichloroethane	0.284	0.266	6.3	109	0.02
56 T	Ethyl methacrylate	0.429	0.407	5.1	110	0.02
57 T	1,3-Dichloropropane	0.494	0.463	6.3	109	0.02
58 T	2-Chloroethyl Vinyl ether	0.148	0.131	11.5	119	0.01
59 T	2-Hexanone	0.201	0.201	0.0	114	0.02
60 T	Dibromochloromethane	0.317	0.299	5.7	110	0.02
61 T	1,2-Dibromoethane	0.268	0.254	5.2	109	0.02
62 S	4-Bromofluorobenzene	0.454	0.435	4.2	111	0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.02
64 T	Tetrachloroethene	0.319	0.308	3.4	113	0.02
65 PM	Chlorobenzene	1.054	1.005	4.6	111	0.02
66 T	1,1,1,2-Tetrachloroethane	0.360	0.348	3.3	111	0.02
67 C	Ethyl Benzene	1.942	1.892	2.6#	113	0.02
68 T	m/p-Xylenes	0.725	0.705	2.8	112	0.02
69 T	o-Xylene	0.698	0.668	4.3	110	0.02
70 T	Styrene	1.224	1.182	3.4	111	0.02
71 P	Bromoform	0.215	0.207	3.7	110	0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	111	0.04
73 T	Isopropylbenzene	3.945	3.928	0.4	113	0.02
74 T	N-amyl acetate	1.291	1.253	2.9	109	0.02
75 P	1,1,2,2-Tetrachloroethane	0.845	0.811	4.0	107	0.02
76 T	1,2,3-Trichloropropane	0.603	0.587	2.7	109	0.02
77 T	Bromobenzene	0.874	0.836	4.3	109	0.02
78 T	n-propylbenzene	4.749	4.781	-0.7	113	0.02
79 T	2-Chlorotoluene	2.713	2.661	1.9	112	0.02
80 T	1,3,5-Trimethylbenzene	3.293	3.271	0.7	112	0.02
81 T	trans-1,4-Dichloro-2-butene	0.318	0.323	-1.6	115	0.02
82 T	4-Chlorotoluene	2.898	2.837	2.1	111	0.02
83 T	tert-Butylbenzene	2.776	2.716	2.2	109	0.02
84 T	1,2,4-Trimethylbenzene	3.306	3.221	2.6	111	0.03
85 T	sec-Butylbenzene	3.944	4.017	-1.9	113	0.03
86 T	p-Isopropyltoluene	3.476	3.487	-0.3	113	0.03
87 T	1,3-Dichlorobenzene	1.683	1.624	3.5	109	0.03
88 T	1,4-Dichlorobenzene	1.709	1.644	3.8	110	0.03
89 T	n-Butylbenzene	3.498	3.527	-0.8	114	0.04

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90 T	Hexachloroethane	0.659	0.669	-1.5	112	0.05
91 T	1,2-Dichlorobenzene	1.552	1.502	3.2	109	0.04
92 T	1,2-Dibromo-3-Chloropropane	0.146	0.139	4.8	110	0.08
93 T	1,2,4-Trichlorobenzene	1.042	0.991	4.9	112	0.15
94 T	Hexachlorobutadiene	0.507	0.494	2.6	112	0.16
95 T	Naphthalene	2.382	2.272	4.6	110	0.16
96 T	1,2,3-Trichlorobenzene	0.914	0.859	6.0	109	0.19

(#) = Out of Range

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