

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv012320\
 Data File : VY001369.D
 Acq On : 23 Jan 2020 20:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 24 08:27:17 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	98	0.00
2 T	Dichlorodifluoromethane	0.394	0.382	3.0	95	0.00
3 P	Chloromethane	0.596	0.555	6.9	95	0.00
4 C	Vinyl Chloride	0.621	0.581	6.4#	93	0.00
5 T	Bromomethane	0.418	0.400	4.3	99	0.00
6 T	Chloroethane	0.397	0.378	4.8	95	0.00
7 T	Trichlorofluoromethane	0.795	0.773	2.8	97	0.00
8 T	Diethyl Ether	0.336	0.326	3.0	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.506	0.511	-1.0	99	0.00
10 T	Methyl Iodide	0.668	0.646	3.3	90	0.00
11 T	Tert butyl alcohol	0.083	0.071	14.5	107	0.00
12 CM	1,1-Dichloroethene	0.531	0.518	2.4#	98	0.00
13 T	Acrolein	0.045	0.042	6.7	113	0.00
14 T	Allyl chloride	0.947	0.910	3.9	96	0.00
15 T	Acrylonitrile	0.172	0.176	-2.3	103	0.00
16 T	Acetone	0.157	0.160	-1.9	106	0.00
17 T	Carbon Disulfide	1.670	1.566	6.2	94	0.00
18 T	Methyl Acetate	0.459	0.439	4.4	101	0.00
19 T	Methyl tert-butyl Ether	1.554	1.545	0.6	100	0.00
20 T	Methylene Chloride	0.838	0.613	26.8#	92	0.00
21 T	trans-1,2-Dichloroethene	0.617	0.591	4.2	96	0.00
22 T	Diisopropyl ether	2.010	1.986	1.2	100	0.01
23 T	Vinyl Acetate	1.305	1.286	1.5	98	0.00
24 P	1,1-Dichloroethane	1.060	1.044	1.5	99	0.00
25 T	2-Butanone	0.237	0.245	-3.4	105	0.01
26 T	2,2-Dichloropropane	0.944	0.852	9.7	93	0.01
27 T	cis-1,2-Dichloroethene	0.689	0.685	0.6	99	0.00
28 T	Bromochloromethane	0.437	0.499	-14.2	110	0.00
29 T	Tetrahydrofuran	0.154	0.156	-1.3	102	0.00
30 C	Chloroform	1.039	1.025	1.3#	101	0.00
31 T	Cyclohexane	1.052	0.967	8.1	96	0.00
32 T	1,1,1-Trichloroethane	0.877	0.861	1.8	98	0.00
33 S	1,2-Dichloroethane-d4	0.544	0.535	1.7	94	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.01
35 S	Dibromofluoromethane	0.293	0.275	6.1	93	0.00
36 T	1,1-Dichloropropene	0.472	0.451	4.4	97	0.01
37 T	Ethyl Acetate	0.289	0.288	0.3	101	0.01
38 T	Carbon Tetrachloride	0.421	0.413	1.9	98	0.01
39 T	Methylcyclohexane	0.605	0.582	3.8	96	0.01
40 TM	Benzene	1.416	1.392	1.7	99	0.01
41 T	Methacrylonitrile	0.149	0.132	11.4	94	0.00
42 TM	1,2-Dichloroethane	0.396	0.395	0.3	100	0.01
43 T	Isopropyl Acetate	0.561	0.574	-2.3	101	0.00
44 TM	Trichloroethene	0.363	0.350	3.6	98	0.01
45 C	1,2-Dichloropropane	0.358	0.359	-0.3#	100	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	0.192	0.0	101	0.01
47 T	Bromodichloromethane	0.460	0.457	0.7	100	0.01
48 T	Methyl methacrylate	0.255	0.260	-2.0	102	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	106	0.00
50 S	Toluene-d8	1.140	1.114	2.3	92	0.01
51 T	4-Methyl-2-Pentanone	0.289	0.297	-2.8	103	0.00
52 CM	Toluene	0.898	0.878	2.2#	98	0.01
53 T	t-1,3-Dichloropropene	0.509	0.504	1.0	97	0.01
54 T	cis-1,3-Dichloropropene	0.585	0.576	1.5	98	0.00
55 T	1,1,2-Trichloroethane	0.284	0.283	0.4	99	0.01
56 T	Ethyl methacrylate	0.429	0.433	-0.9	100	0.01
57 T	1,3-Dichloropropane	0.494	0.499	-1.0	101	0.01
58 T	2-Chloroethyl Vinyl ether	0.148	0.148	0.0	115	0.00
59 T	2-Hexanone	0.201	0.213	-6.0	103	0.01
60 T	Dibromochloromethane	0.317	0.320	-0.9	101	0.01
61 T	1,2-Dibromoethane	0.268	0.268	0.0	98	0.01
62 S	4-Bromofluorobenzene	0.454	0.416	8.4	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.319	0.329	-3.1	107	0.01
65 PM	Chlorobenzene	1.054	1.016	3.6	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.360	0.355	1.4	99	0.00
67 C	Ethyl Benzene	1.942	1.858	4.3#	97	0.00
68 T	m/p-Xylenes	0.725	0.702	3.2	98	0.00
69 T	o-Xylene	0.698	0.672	3.7	97	0.00
70 T	Styrene	1.224	1.198	2.1	99	0.00
71 P	Bromoform	0.215	0.214	0.5	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.945	3.819	3.2	97	0.00
74 T	N-amyl acetate	1.291	1.324	-2.6	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.845	0.853	-0.9	99	0.00
76 T	1,2,3-Trichloropropane	0.603	0.563	6.6	92	0.00
77 T	Bromobenzene	0.874	0.860	1.6	98	0.00
78 T	n-propylbenzene	4.749	4.641	2.3	97	0.00
79 T	2-Chlorotoluene	2.713	2.636	2.8	97	0.00
80 T	1,3,5-Trimethylbenzene	3.293	3.198	2.9	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.318	0.310	2.5	97	0.00
82 T	4-Chlorotoluene	2.898	2.799	3.4	97	0.00
83 T	tert-Butylbenzene	2.776	2.679	3.5	95	0.00
84 T	1,2,4-Trimethylbenzene	3.306	3.196	3.3	97	0.00
85 T	sec-Butylbenzene	3.944	3.885	1.5	96	0.00
86 T	p-Isopropyltoluene	3.476	3.376	2.9	96	0.00
87 T	1,3-Dichlorobenzene	1.683	1.636	2.8	97	0.00
88 T	1,4-Dichlorobenzene	1.709	1.656	3.1	98	0.00
89 T	n-Butylbenzene	3.498	3.394	3.0	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.659	0.647	1.8	95	0.00
91 T	1,2-Dichlorobenzene	1.552	1.505	3.0	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.146	0.140	4.1	97	0.00
93 T	1,2,4-Trichlorobenzene	1.042	0.955	8.3	95	0.00
94 T	Hexachlorobutadiene	0.507	0.463	8.7	93	0.00
95 T	Naphthalene	2.382	2.280	4.3	98	0.00
96 T	1,2,3-Trichlorobenzene	0.914	0.855	6.5	96	0.00

(#) = Out of Range

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