

Data File : VY000830.D
Acq On : 27 Nov 2019 19:21
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Nov 28 23:38:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	93	0.00
2 T	Dichlorodifluoromethane	0.538	0.531	1.3	91	0.00
3 P	Chloromethane	0.663	0.685	-3.3	95	0.00
4 C	Vinyl Chloride	0.654	0.676	-3.4#	94	0.00
5 T	Bromomethane	0.394	0.420	-6.6	97	0.00
6 T	Chloroethane	0.401	0.422	-5.2	93	0.00
7 T	Trichlorofluoromethane	0.896	0.904	-0.9	92	0.00
8 T	Diethyl Ether	0.337	0.365	-8.3	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.553	0.563	-1.8	92	0.00
10 T	Methyl Iodide	0.697	0.724	-3.9	91	0.00
11 T	Tert butyl alcohol	0.053	0.060	-13.2	95	0.00
12 CM	1,1-Dichloroethene	0.548	0.580	-5.8#	97	0.00
13 T	Acrolein	0.053	0.045	15.1	80	0.00
14 T	Allyl chloride	0.940	1.019	-8.4	95	0.00
15 T	Acrylonitrile	0.174	0.194	-11.5	97	0.00
16 T	Acetone	0.122	0.135	-10.7	100	0.00
17 T	Carbon Disulfide	1.773	1.816	-2.4	92	0.00
18 T	Methyl Acetate	0.510	0.551	-8.0	98	0.00
19 T	Methyl tert-butyl Ether	1.464	1.644	-12.3	96	0.00
20 T	Methylene Chloride	0.642	0.650	-1.2	93	0.00
21 T	trans-1,2-Dichloroethene	0.623	0.643	-3.2	93	0.00
22 T	Diisopropyl ether	1.932	2.169	-12.3	98	0.00
23 T	Vinyl Acetate	1.175	1.348	-14.7	96	0.00
24 P	1,1-Dichloroethane	1.065	1.142	-7.2	95	0.00
25 T	2-Butanone	0.225	0.256	-13.8	93	0.00
26 T	2,2-Dichloropropane	0.896	0.916	-2.2	92	0.00
27 T	cis-1,2-Dichloroethene	0.674	0.720	-6.8	95	0.00
28 T	Bromochloromethane	0.360	0.466	-29.4#	105	0.00
29 T	Tetrahydrofuran	0.149	0.173	-16.1	98	0.00
30 C	Chloroform	1.068	1.119	-4.8#	97	0.00
31 T	Cyclohexane	1.128	1.132	-0.4	92	0.00
32 T	1,1,1-Trichloroethane	0.882	0.932	-5.7	95	0.00
33 S	1,2-Dichloroethane-d4	0.531	0.587	-10.5	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.291	0.304	-4.5	102	0.00
36 T	1,1-Dichloropropene	0.497	0.498	-0.2	94	0.00
37 T	Ethyl Acetate	0.287	0.315	-9.8	97	0.00
38 T	Carbon Tetrachloride	0.443	0.454	-2.5	94	0.00
39 T	Methylcyclohexane	0.659	0.655	0.6	92	0.00
40 TM	Benzene	1.448	1.500	-3.6	95	0.00
41 T	Methacrylonitrile	0.151	0.174	-15.2	107	0.00
42 TM	1,2-Dichloroethane	0.381	0.408	-7.1	97	0.00
43 T	Isopropyl Acetate	0.541	0.590	-9.1	95	0.00
44 TM	Trichloroethene	0.372	0.386	-3.8	95	0.00
45 C	1,2-Dichloropropane	0.364	0.382	-4.9#	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.190	0.201	-5.8	94	0.00
47 T	Bromodichloromethane	0.446	0.473	-6.1	94	0.00
48 T	Methyl methacrylate	0.238	0.260	-9.2	92	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	88	0.00
50 S	Toluene-d8	1.165	1.259	-8.1	100	0.00
51 T	4-Methyl-2-Pentanone	0.280	0.315	-12.5	97	0.00
52 CM	Toluene	0.897	0.923	-2.9#	93	0.00
53 T	t-1,3-Dichloropropene	0.480	0.524	-9.2	95	0.00
54 T	cis-1,3-Dichloropropene	0.567	0.606	-6.9	96	0.00
55 T	1,1,2-Trichloroethane	0.281	0.301	-7.1	96	0.00
56 T	Ethyl methacrylate	0.402	0.456	-13.4	96	0.00
57 T	1,3-Dichloropropane	0.489	0.535	-9.4	97	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.166	-2.5	97	0.00
59 T	2-Hexanone	0.204	0.225	-10.3	89	0.00
60 T	Dibromochloromethane	0.302	0.330	-9.3	96	0.00
61 T	1,2-Dibromoethane	0.265	0.289	-9.1	95	0.00
62 S	4-Bromofluorobenzene	0.438	0.442	-0.9	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.434	0.443	-2.1	96	0.00
65 PM	Chlorobenzene	1.039	1.082	-4.1	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.350	0.372	-6.3	96	0.00
67 C	Ethyl Benzene	1.936	2.007	-3.7#	95	0.00
68 T	m/p-Xylenes	0.727	0.760	-4.5	96	0.00
69 T	o-Xylene	0.677	0.708	-4.6	95	0.00
70 T	Styrene	1.160	1.247	-7.5	96	0.00
71 P	Bromoform	0.198	0.216	-9.1	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.981	4.040	-1.5	95	0.00
74 T	N-amyl acetate	1.108	1.210	-9.2	97	0.00
75 P	1,1,2,2-Tetrachloroethane	0.784	0.835	-6.5	94	0.00
76 T	1,2,3-Trichloropropane	0.566	0.584	-3.2	95	0.00
77 T	Bromobenzene	0.863	0.887	-2.8	95	0.00
78 T	n-propylbenzene	4.861	4.957	-2.0	95	0.00
79 T	2-Chlorotoluene	2.685	2.703	-0.7	95	0.00
80 T	1,3,5-Trimethylbenzene	3.296	3.376	-2.4	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.288	0.310	-7.6	91	0.00
82 T	4-Chlorotoluene	2.767	2.827	-2.2	97	0.00
83 T	tert-Butylbenzene	2.771	2.853	-3.0	96	0.00
84 T	1,2,4-Trimethylbenzene	3.298	3.397	-3.0	96	0.00
85 T	sec-Butylbenzene	4.030	4.139	-2.7	96	0.00
86 T	p-Isopropyltoluene	3.506	3.595	-2.5	95	0.00
87 T	1,3-Dichlorobenzene	1.693	1.723	-1.8	96	0.00
88 T	1,4-Dichlorobenzene	1.676	1.742	-3.9	96	0.00
89 T	n-Butylbenzene	3.544	3.625	-2.3	95	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy112719\
Evaluate Continuing Calibration Report

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.646	0.685	-6.0	96	0.00
91 T	1,2-Dichlorobenzene	1.523	1.608	-5.6	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.131	0.142	-8.4	96	0.00
93 T	1,2,4-Trichlorobenzene	1.030	1.080	-4.9	97	0.00
94 T	Hexachlorobutadiene	0.511	0.524	-2.5	98	0.00
95 T	Naphthalene	2.393	2.600	-8.7	98	0.00
96 T	1,2,3-Trichlorobenzene	0.920	0.979	-6.4	100	0.00

(#) = Out of Range

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