284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3615

Instrument ID: BNA_G Calibration Date/Time: 11/13/2025 14:35

Lab File ID: BG064756.D Init. Calib. Date(s): 11/12/2025 11/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:17 16:04

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.145	1.131		-1.2	
Benzaldehyde	0.997	0.963		-3.4	
Phenol-d6	1.523	1.539		1.1	
Phenol	1.657	1.683		1.6	20.0
bis(2-Chloroethyl)ether	1.179	1.218		3.3	
2-Chlorophenol	1.258	1.295		2.9	
2-Methylphenol	1.173	1.196		2.0	
2,2-oxybis(1-Chloropropane)	2.792	2.835		1.5	
Acetophenone	0.545	0.557		2.2	
3+4-Methylphenols	1.607	1.614		0.4	
n-Nitroso-di-n-propylamine	1.030	1.080	0.050	4.9	
Nitrobenzene-d5	0.405	0.405		0.0	
Hexachloroethane	0.558	0.545		-2.3	
Nitrobenzene	0.409	0.423		3.4	
Isophorone	0.770	0.773		0.4	
2-Nitrophenol	0.184	0.189		2.7	20.0
2,4-Dimethylphenol	0.327	0.339		3.7	
bis(2-Chloroethoxy)methane	0.423	0.434		2.6	
2,4-Dichlorophenol	0.351	0.364		3.7	20.0
Naphthalene	1.134	1.123		-1.0	
4-Chloroaniline	0.454	0.461		1.5	
Hexachlorobutadiene	0.363	0.358		-1.4	20.0
Caprolactam	0.105	0.103		-1.9	
4-Chloro-3-methylphenol	0.390	0.391		0.3	20.0
2-Methylnaphthalene	0.848	0.841		-0.8	
Hexachlorocyclopentadiene	0.558	0.566	0.050	1.4	
2,4,6-Trichlorophenol	0.457	0.468		2.4	20.0
2-Fluorobiphenyl	1.433	1.435		0.1	
2,4,5-Trichlorophenol	0.512	0.526		2.7	
1,1-Biphenyl	1.436	1.440		0.3	
2-Chloronaphthalene	1.132	1.110		-1.9	
2-Nitroaniline	0.364	0.366		0.5	
Dimethylphthalate	1.580	1.576		-0.3	
Acenaphthylene	1.933	1.930		-0.2	
2,6-Dinitrotoluene	0.304	0.316		3.9	
3-Nitroaniline	0.300	0.315		5.0	
Acenaphthene	1.159	1.191		2.8	20.0
2,4-Dinitrophenol	0.158	0.168	0.050	6.3	
4-Nitrophenol	0.238	0.242	0.050	1.7	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3615

Instrument ID: BNA_G Calibration Date/Time: 11/13/2025 14:35

Lab File ID: BG064756.D Init. Calib. Date(s): 11/12/2025 11/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:17 16:04

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.916	1.896		-1.0	
2,4-Dinitrotoluene	0.456	0.482		5.7	
Diethylphthalate	1.513	1.532		1.3	
4-Chlorophenyl-phenylether	0.902	0.902		0.0	
Fluorene	1.503	1.475		-1.9	
4-Nitroaniline	0.311	0.324		4.2	
4,6-Dinitro-2-methylphenol	0.111	0.123		10.8	
n-Nitrosodiphenylamine	0.524	0.550		5.0	20.0
2,4,6-Tribromophenol	0.390	0.387		-0.8	
4-Bromophenyl-phenylether	0.263	0.273		3.8	
Hexachlorobenzene	0.318	0.328		3.1	
Atrazine	0.253	0.255		0.8	
Pentachlorophenol	0.157	0.168		7.0	20.0
Phenanthrene	1.094	1.107		1.2	
Anthracene	1.116	1.128		1.1	
Carbazole	0.959	0.957		-0.2	
Di-n-butylphthalate	1.070	1.087		1.6	
Fluoranthene	1.496	1.486		-0.7	20.0
Pyrene	1.121	1.181		5.4	
Terphenyl-d14	1.017	1.067		4.9	
Butylbenzylphthalate	0.394	0.404		2.5	
3,3-Dichlorobenzidine	0.501	0.488		-2.6	
Benzo(a)anthracene	1.360	1.363		0.2	
Chrysene	1.282	1.292		0.8	
Bis(2-ethylhexyl)phthalate	0.576	0.582		1.0	
Di-n-octyl phthalate	0.996	0.995		-0.1	20.0
Benzo(b)fluoranthene	1.273	1.277		0.3	
Benzo(k)fluoranthene	1.279	1.262		-1.3	
Benzo(a)pyrene	1.181	1.176		-0.4	20.0
Indeno(1,2,3-cd)pyrene	1.374	1.421		3.4	
Dibenzo(a,h)anthracene	1.126	1.168		3.7	
Benzo(g,h,i)perylene	1.083	1.119		3.3	
1,2,4,5-Tetrachlorobenzene	0.778	0.773		-0.6	
1,4-Dioxane	0.443	0.450		1.6	20.0
2,3,4,6-Tetrachlorophenol	0.506	0.525		3.8	

All other compounds must meet a minimum RRF of 0.010.