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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ALLI03

Lab Code: ACE SDG No.: Q3143

Instrument ID: BNA_N Calibration Date/Time: 10/03/2025 15:27

Lab File ID: BN037998.D Init. Calib. Date(s): 09/12/2025 09/12/2025

EPA Sample No.: SSTD020383 Init. Calib. Time(s): 11:28 14:45

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.503	0.412	0.010	-18.1	40.0
Benzaldehyde	0.699	0.818	0.010	17.1	40.0
Phenol	1.553	1.459	0.080	-6.1	20.0
Bis(2-Chloroethyl)ether	1.238	1.195	0.100	-3.5	20.0
2-Chlorophenol	1.288	1.215	0.200	-5.6	20.0
2-Methylphenol	1.145	1.141	0.010	-0.3	20.0
2,2-oxybis(1-Chloropropane)	1.706	1.744	0.010	2.2	40.0
Acetophenone	1.871	2.065	0.060	10.4	20.0
4-Methylphenol	1.235	1.307	0.010	5.8	20.0
N-Nitroso-di-n-propylamine	0.853	1.017	0.050	19.2	30.0
Hexachloroethane	0.548	0.502	0.100	-8.4	20.0
Nitrobenzene	0.345	0.309	0.050	-10.5	25.0
Isophorone	0.599	0.589	0.050	-1.6	25.0
2-Nitrophenol	0.146	0.150	0.050	3.2	25.0
2,4-Dimethylphenol	0.332	0.311	0.050	-6.3	25.0
Bis(2-Chloroethoxy)methane	0.399	0.382	0.050	-4.3	20.0
2,4-Dichlorophenol	0.288	0.259	0.060	-10.0	20.0
Naphthalene	1.068	0.947	0.200	-11.4	20.0
4-Chloroaniline	0.427	0.409	0.010	-4.4	40.0
Hexachlorobutadiene	0.201	0.164	0.040	-18.0	30.0
Caprolactam	0.085	0.084	0.010	-1.7	40.0
4-Chloro-3-methylphenol	0.271	0.280	0.040	3.5	25.0
2-Methylnaphthalene	0.702	0.681	0.100	-3.0	20.0
Hexachlorocyclopentadiene	0.400	0.321	0.010	-19.8	40.0
2,4,6-Trichlorophenol	0.337	0.299	0.090	-11.4	25.0
2,4,5-Trichlorophenol	0.392	0.348	0.100	-11.2	25.0
1,1-Biphenyl	1.540	1.337	0.200	-13.2	20.0
2-Chloronaphthalene	1.213	1.029	0.300	-15.1	20.0
2-Nitroaniline	0.276	0.269	0.050	-2.8	40.0
Dimethylphthalate	1.335	1.269	0.300	-5.0	20.0
2,6-Dinitrotoluene	0.239	0.238	0.080	-0.3	30.0
Acenaphthylene	1.936	1.728	0.400	-10.8	20.0
3-Nitroaniline	0.256	0.250	0.010	-2.4	40.0
Acenaphthene	1.260	1.118	0.200	-11.2	20.0
2,4-Dinitrophenol	0.101	0.095	0.010	-6.1	40.0
4-Nitrophenol	0.191	0.183	0.010	-4.2	40.0
Dibenzofuran	1.719	1.551	0.300	-9.8	20.0
2,4-Dinitrotoluene	0.342	0.358	0.070	4.7	30.0
Diethylphthalate	1.269	1.265	0.300	-0.3	20.0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ALLI03

Lab Code: ACE SDG No.: Q3143

Instrument ID: BNA_N Calibration Date/Time: 10/03/2025 15:27

Lab File ID: BN037998.D Init. Calib. Date(s): 09/12/2025 09/12/2025

EPA Sample No.: SSTD020383 Init. Calib. Time(s): 11:28 14:45

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.393	1.301	0.200	-6.6	20.0
4-Chlorophenyl-phenylether	0.670	0.628	0.100	-6.3	20.0
4-Nitroaniline	0.241	0.253	0.010	5.2	40.0
4,6-Dinitro-2-methylphenol	0.101	0.096	0.010	-4.5	40.0
N-Nitrosodiphenylamine	0.641	0.573	0.050	-10.6	20.0
1,2,4,5-Tetrachlorobenzene	0.624	0.489	0.100	-21.6	20.0
4-Bromophenyl-phenylether	0.225	0.205	0.070	-8.8	20.0
Hexachlorobenzene	0.275	0.247	0.050	-10.2	25.0
Atrazine	0.216	0.186	0.010	-13.6	25.0
Pentachlorophenol	0.151	0.132	0.010	-12.7	40.0
Phenanthrene	1.159	1.027	0.200	-11.4	20.0
Anthracene	1.175	1.031	0.200	-12.3	20.0
Carbazole	1.041	0.886	0.050	-14.9	40.0
Di-n-butylphthalate	1.056	1.011	0.500	-4.2	25.0
Fluoranthene	1.220	1.288	0.400	5.5	25.0
Pyrene	1.298	1.335	0.400	2.9	25.0
Butylbenzylphthalate	0.366	0.416	0.100	13.5	40.0
3,3-Dichlorobenzidine	0.386	0.308	0.010	-20.1	40.0
Benzo(a)anthracene	1.283	1.130	0.300	-11.9	30.0
Chrysene	1.226	1.073	0.200	-12.5	30.0
Bis(2-ethylhexyl)phthalate	0.552	0.534	0.200	-3.3	40.0
Di-n-octyl phthalate	0.942	0.789	0.010	-16.2	40.0
Benzo(b)fluoranthene	1.181	1.154	0.200	-2.3	25.0
Benzo(k)fluoranthene	1.191	1.135	0.200	-4.7	25.0
Benzo(a)pyrene	1.132	1.006	0.200	-11.1	20.0
Indeno(1,2,3-cd)pyrene	1.481	1.141	0.200	-23.0	25.0
Dibenzo(a,h)anthracene	1.224	0.969	0.200	-20.8	30.0
Benzo(g,h,i)perylene	1.213	0.922	0.200	-24.0	30.0
2,3,4,6-Tetrachlorophenol	0.274	0.284	0.040	3.9	20.0
1,4-Dioxane-d8	0.472	0.376	0.010	-20.3	25.0
Pyridine-d5	1.313	1.125	0.010	-14.3	40.0
Phenol-d5	1.492	1.380	0.010	-7.5	25.0
Bis-(2-Chloroethyl)ether-d8	0.920	0.889	0.050	-3.4	25.0
2-Chlorophenol-d4	1.231	1.155	0.200	-6.2	20.0
4-Methylphenol-d8	1.175	1.255	0.010	6.9	20.0
Nitrobenzene-d5	0.151	0.133	0.050	-12.1	20.0
2-Nitrophenol-d4	0.123	0.125	0.050	1.3	30.0
2,4-Dichlorophenol-d3	0.282	0.256	0.060	-9.0	20.0
4-Chloroaniline-d4	0.427	0.404	0.010	-5.4	40.0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ALLI03

Lab Code: ACE SDG No.: Q3143

Instrument ID: BNA_N Calibration Date/Time: 10/03/2025 15:27

Lab File ID: BN037998.D Init. Calib. Date(s): 09/12/2025 09/12/2025

EPA Sample No.: SSTD020383 Init. Calib. Time(s): 11:28 14:45

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.335	1.293	0.300	-3.2	20.0
Acenaphthylene-d8	1.669	1.487	0.400	-10.9	20.0
4-Nitrophenol-d4	0.250	0.239	0.010	-4.3	40.0
Fluorene-d10	1.194	1.126	0.100	-5.7	20.0
4,6-Dinitro-2-methylphenol-d2	0.090	0.085	0.010	-5.3	40.0
Anthracene-d10	0.994	0.875	0.300	-12.0	20.0
Pyrene-d10	1.045	1.073	0.300	2.7	25.0
Benzo(a)pyrene-d12	1.010	0.887	0.010	-12.2	20.0

All other compounds must meet a minimum RRF of 0.010.