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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG No.: Q3029

Instrument ID: BNA_P Calibration Date/Time: 09/10/2025 09:53

Lab File ID: BP025704.D Init. Calib. Date(s): 09/08/2025 09/08/2025

EPA Sample No.: SSTD020680 Init. Calib. Time(s): 14:41 18:07

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.512	0.010	-0.9	40.0
Benzaldehyde	0.744	0.956	0.010	28.5	40.0
Phenol	1.659	1.636	0.080	-1.4	20.0
Bis(2-Chloroethyl)ether	1.309	1.345	0.100	2.7	20.0
2-Chlorophenol	1.285	1.324	0.200	3.1	20.0
2-Methylphenol	1.272	1.259	0.010	-1.1	20.0
2,2-oxybis(1-Chloropropane)	2.076	2.206	0.010	6.3	40.0
Acetophenone	2.069	2.115	0.060	2.2	20.0
4-Methylphenol	1.379	1.368	0.010	-0.8	20.0
N-Nitroso-di-n-propylamine	1.099	1.145	0.050	4.2	30.0
Hexachloroethane	0.576	0.594	0.100	3.1	20.0
Nitrobenzene	0.372	0.387	0.050	3.9	25.0
Isophorone	0.762	0.780	0.050	2.3	25.0
2-Nitrophenol	0.182	0.179	0.050	-1.5	25.0
2,4-Dimethylphenol	0.373	0.357	0.050	-4.4	25.0
Bis(2-Chloroethoxy)methane	0.438	0.453	0.050	3.6	20.0
2,4-Dichlorophenol	0.306	0.314	0.060	2.4	20.0
Naphthalene	1.046	1.079	0.200	3.2	20.0
4-Chloroaniline	0.440	0.439	0.010	-0.2	40.0
Hexachlorobutadiene	0.228	0.225	0.040	-1.5	30.0
Caprolactam	0.126	0.123	0.010	-2.1	40.0
4-Chloro-3-methylphenol	0.360	0.374	0.040	3.8	25.0
2-Methylnaphthalene	0.747	0.754	0.100	1.0	20.0
Hexachlorocyclopentadiene	0.302	0.272	0.010	-10.1	40.0
2,4,6-Trichlorophenol	0.389	0.392	0.090	0.6	25.0
2,4,5-Trichlorophenol	0.426	0.418	0.100	-2.0	25.0
1,1-Biphenyl	1.402	1.461	0.200	4.2	20.0
2-Chloronaphthalene	1.104	1.148	0.300	4.0	20.0
2-Nitroaniline	0.350	0.359	0.050	2.4	40.0
Dimethylphthalate	1.483	1.527	0.300	3.0	20.0
2,6-Dinitrotoluene	0.300	0.303	0.080	0.7	30.0
Acenaphthylene	1.859	1.913	0.400	2.9	20.0
3-Nitroaniline	0.267	0.285	0.010	6.8	40.0
Acenaphthene	1.194	1.238	0.200	3.7	20.0
2,4-Dinitrophenol	0.185	0.153	0.010	-17.3	40.0
4-Nitrophenol	0.204	0.195	0.010	-4.6	40.0
Dibenzofuran	1.708	1.781	0.300	4.3	20.0
2,4-Dinitrotoluene	0.450	0.453	0.070	0.7	30.0
Diethylphthalate	1.525	1.580	0.300	3.6	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: CHEM02

Lab Code: ACE SDG No.: Q3029

Instrument ID: BNA_P Calibration Date/Time: 09/10/2025 09:53

Lab File ID: BP025704.D Init. Calib. Date(s): 09/08/2025 09/08/2025

EPA Sample No.: SSTD020680 Init. Calib. Time(s): 14:41 18:07

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.395	1.435	0.200	2.9	20.0
4-Chlorophenyl-phenylether	0.714	0.733	0.100	2.6	20.0
4-Nitroaniline	0.263	0.297	0.010	12.9	40.0
4,6-Dinitro-2-methylphenol	0.138	0.135	0.010	-2.3	40.0
N-Nitrosodiphenylamine	0.578	0.614	0.050	6.1	20.0
1,2,4,5-Tetrachlorobenzene	0.595	0.596	0.100	0.1	20.0
4-Bromophenyl-phenylether	0.213	0.220	0.070	3.3	20.0
Hexachlorobenzene	0.244	0.250	0.050	2.1	25.0
Atrazine	0.237	0.249	0.010	4.8	25.0
Pentachlorophenol	0.156	0.150	0.010	-4.2	40.0
Phenanthrene	1.097	1.132	0.200	3.2	20.0
Anthracene	1.113	1.167	0.200	4.9	20.0
Carbazole	1.000	1.037	0.050	3.6	40.0
Di-n-butylphthalate	1.285	1.342	0.500	4.4	25.0
Fluoranthene	1.246	1.273	0.400	2.2	25.0
Pyrene	1.303	1.334	0.400	2.4	25.0
Butylbenzylphthalate	0.580	0.582	0.100	0.2	40.0
3,3-Dichlorobenzidine	0.429	0.445	0.010	3.9	40.0
Benzo(a)anthracene	1.332	1.361	0.300	2.2	30.0
Chrysene	1.254	1.277	0.200	1.8	30.0
Bis(2-ethylhexyl)phthalate	0.853	0.884	0.200	3.6	40.0
Di-n-octyl phthalate	1.350	1.404	0.010	4.0	40.0
Benzo(b)fluoranthene	1.171	1.229	0.200	5.0	25.0
Benzo(k)fluoranthene	1.188	1.249	0.200	5.2	25.0
Benzo(a)pyrene	1.125	1.148	0.200	2.0	20.0
Indeno(1,2,3-cd)pyrene	1.407	1.427	0.200	1.4	25.0
Dibenzo(a,h)anthracene	1.140	1.161	0.200	1.8	30.0
Benzo(g,h,i)perylene	1.141	1.146	0.200	0.5	30.0
2,3,4,6-Tetrachlorophenol	0.374	0.373	0.040	-0.2	20.0
1,4-Dioxane-d8	0.489	0.485	0.010	-0.7	25.0
Pyridine-d5	1.417	1.370	0.010	-3.3	40.0
Phenol-d5	1.616	1.574	0.010	-2.6	25.0
Bis-(2-Chloroethyl)ether-d8	0.988	1.009	0.050	2.1	25.0
2-Chlorophenol-d4	1.258	1.300	0.200	3.3	20.0
4-Methylphenol-d8	1.338	1.327	0.010	-0.8	20.0
Nitrobenzene-d5	0.154	0.156	0.050	1.7	20.0
2-Nitrophenol-d4	0.175	0.176	0.050	0.9	30.0
2,4-Dichlorophenol-d3	0.315	0.319	0.060	1.3	20.0
4-Chloroaniline-d4	0.442	0.442	0.010	0.2	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: CHEM02

Lab Code: ACE SDG No.: Q3029

Instrument ID: BNA_P Calibration Date/Time: 09/10/2025 09:53

Lab File ID: BP025704.D Init. Calib. Date(s): 09/08/2025 09/08/2025

EPA Sample No.: SSTD020680 Init. Calib. Time(s): 14:41 18:07

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.512	1.549	0.300	2.5	20.0
Acenaphthylene-d8	1.660	1.713	0.400	3.2	20.0
4-Nitrophenol-d4	0.251	0.245	0.010	-2.2	40.0
Fluorene-d10	1.259	1.293	0.100	2.7	20.0
4,6-Dinitro-2-methylphenol-d2	0.136	0.127	0.010	-6.7	40.0
Anthracene-d10	0.963	0.982	0.300	2.0	20.0
Pyrene-d10	1.095	1.107	0.300	1.1	25.0
Benzo(a)pyrene-d12	1.027	1.045	0.010	1.7	20.0

All other compounds must meet a minimum RRF of 0.010.