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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P5193 SAS No.: P5193 SDG No.: P5193

Instrument ID: BNA_P Calibration Date/Time: 12/10/2024 21:17

Lab File ID: BP023355.D Init. Calib. Date(s): 11/26/2024 11/26/2024

EPA Sample No.: SSTD020741 Init. Calib. Time(s): 12:14 17:39

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.601	0.635	0.010	5.7	40.0
Benzaldehyde	0.897	1.032	0.010	15.0	40.0
Phenol	1.634	1.647	0.080	0.8	20.0
Bis(2-Chloroethyl)ether	1.290	1.322	0.100	2.5	20.0
2-Chlorophenol	1.214	1.170	0.200	-3.6	20.0
2-Methylphenol	1.212	1.189	0.010	-1.8	20.0
2,2-oxybis(1-Chloropropane)	1.568	1.722	0.010	9.8	40.0
Acetophenone	2.132	2.157	0.060	1.2	20.0
4-Methylphenol	1.308	1.318	0.010	0.8	20.0
N-Nitroso-di-n-propylamine	1.162	1.205	0.050	3.8	30.0
Hexachloroethane	0.591	0.579	0.100	-2.0	20.0
Nitrobenzene	0.454	0.462	0.050	1.7	25.0
Isophorone	0.805	0.824	0.050	2.3	25.0
2-Nitrophenol	0.184	0.175	0.050	-4.7	25.0
2,4-Dimethylphenol	0.407	0.401	0.050	-1.5	25.0
Bis(2-Chloroethoxy)methane	0.455	0.467	0.050	2.7	20.0
2,4-Dichlorophenol	0.360	0.345	0.060	-4.2	20.0
Naphthalene	1.047	1.021	0.200	-2.5	20.0
4-Chloroaniline	0.395	0.383	0.010	-3.0	40.0
Hexachlorobutadiene	0.319	0.302	0.040	-5.6	30.0
Caprolactam	0.105	0.104	0.010	-0.8	40.0
4-Chloro-3-methylphenol	0.391	0.384	0.040	-1.9	25.0
2-Methylnaphthalene	0.776	0.750	0.100	-3.4	20.0
Hexachlorocyclopentadiene	0.351	0.334	0.010	-4.7	40.0
2,4,6-Trichlorophenol	0.432	0.429	0.090	-0.8	25.0
2,4,5-Trichlorophenol	0.461	0.444	0.100	-3.8	25.0
1,1-Biphenyl	1.417	1.376	0.200	-2.9	20.0
2-Chloronaphthalene	1.146	1.122	0.300	-2.1	20.0
2-Nitroaniline	0.332	0.359	0.050	8.0	40.0
Dimethylphthalate	1.529	1.520	0.300	-0.6	20.0
2,6-Dinitrotoluene	0.293	0.295	0.080	0.6	30.0
Acenaphthylene	1.668	1.648	0.400	-1.2	20.0
3-Nitroaniline	0.246	0.249	0.010	1.2	40.0
Acenaphthene	1.219	1.190	0.200	-2.4	20.0
2,4-Dinitrophenol	0.189	0.167	0.010	-11.5	40.0
4-Nitrophenol	0.256	0.182	0.010	-28.8	40.0
Dibenzofuran	1.851	1.785	0.300	-3.6	20.0
2,4-Dinitrotoluene	0.472	0.456	0.070	-3.5	30.0
Diethylphthalate	1.525	1.525	0.300	0.0	20.0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P5193 SAS No.: P5193 SDG No.: P5193

Instrument ID: BNA_P Calibration Date/Time: 12/10/2024 21:17

Lab File ID: BP023355.D Init. Calib. Date(s): 11/26/2024 11/26/2024

EPA Sample No.: SSTD020741 Init. Calib. Time(s): 12:14 17:39

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.507	1.462	0.200	-3.0	20.0
4-Chlorophenyl-phenylether	0.874	0.838	0.100	-4.1	20.0
4-Nitroaniline	0.216	0.209	0.010	-3.3	40.0
4,6-Dinitro-2-methylphenol	0.128	0.126	0.010	-1.4	40.0
N-Nitrosodiphenylamine	0.511	0.527	0.050	3.2	20.0
1,2,4,5-Tetrachlorobenzene	0.730	0.711	0.100	-2.6	20.0
4-Bromophenyl-phenylether	0.236	0.236	0.070	-0.1	20.0
Hexachlorobenzene	0.289	0.275	0.050	-4.9	25.0
Atrazine	0.222	0.236	0.010	6.2	25.0
Pentachlorophenol	0.169	0.159	0.010	-5.8	40.0
Phenanthrene	1.034	1.044	0.200	0.9	20.0
Anthracene	1.034	1.042	0.200	0.7	20.0
Carbazole	0.842	0.860	0.050	2.1	40.0
Di-n-butylphthalate	1.035	1.080	0.500	4.4	25.0
Fluoranthene	1.197	1.210	0.400	1.0	25.0
Pyrene	1.271	1.290	0.400	1.5	25.0
Butylbenzylphthalate	0.440	0.454	0.100	3.3	40.0
3,3-Dichlorobenzidine	0.459	0.450	0.010	-1.9	40.0
Benzo(a)anthracene	1.341	1.341	0.300	0.0	30.0
Chrysene	1.285	1.267	0.200	-1.4	30.0
Bis(2-ethylhexyl)phthalate	0.632	0.667	0.200	5.5	40.0
Di-n-octyl phthalate	0.977	0.990	0.010	1.4	40.0
Benzo(b)fluoranthene	1.257	1.247	0.200	-0.7	25.0
Benzo(k)fluoranthene	1.250	1.207	0.200	-3.4	25.0
Benzo(a)pyrene	1.139	1.113	0.200	-2.3	20.0
Indeno(1,2,3-cd)pyrene	1.464	1.433	0.200	-2.1	25.0
Dibenzo(a,h)anthracene	1.172	1.137	0.200	-3.0	30.0
Benzo(g,h,i)perylene	1.121	1.083	0.200	-3.4	30.0
2,3,4,6-Tetrachlorophenol	0.458	0.432	0.040	-5.8	20.0
1,4-Dioxane-d8	0.543	0.585	0.010	7.6	25.0
Pyridine-d5	1.397	1.449	0.010	3.7	40.0
Phenol-d5	1.569	1.559	0.010	-0.7	25.0
Bis-(2-Chloroethyl)ether-d8	0.990	1.050	0.050	6.1	25.0
2-Chlorophenol-d4	1.158	1.144	0.200	-1.2	20.0
4-Methylphenol-d8	1.267	1.261	0.010	-0.4	20.0
Nitrobenzene-d5	0.149	0.145	0.050	-2.9	20.0
2-Nitrophenol-d4	0.172	0.173	0.050	0.8	30.0
2,4-Dichlorophenol-d3	0.363	0.346	0.060	-4.6	20.0
4-Chloroaniline-d4	0.407	0.405	0.010	-0.4	40.0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P5193 SAS No.: P5193 SDG No.: P5193

Instrument ID: BNA_P Calibration Date/Time: 12/10/2024 21:17

Lab File ID: BP023355.D Init. Calib. Date(s): 11/26/2024 11/26/2024

EPA Sample No.: SSTD020741 Init. Calib. Time(s): 12:14 17:39

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.553	1.529	0.300	-1.5	20.0
Acenaphthylene-d8	1.638	1.638	0.400	0.0	20.0
4-Nitrophenol-d4	0.190	0.170	0.010	-10.6	40.0
Fluorene-d10	1.366	1.326	0.100	-2.9	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.118	0.010	-2.7	40.0
Anthracene-d10	0.913	0.919	0.300	0.7	20.0
Pyrene-d10	1.045	1.057	0.300	1.1	25.0
Benzo(a)pyrene-d12	1.071	1.024	0.010	-4.4	20.0

All other compounds must meet a minimum RRF of 0.010.