284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3569

Instrument ID: BNA_F Calibration Date/Time: 11/13/2025 14:56

Lab File ID: BF144243.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.375		7.6	
Benzaldehyde	0.818	1.206		47.4	
Phenol-d6	1.448	1.526		5.4	
Phenol	1.769	1.913		8.1	20.0
bis(2-Chloroethyl)ether	1.289	1.402		8.8	
2-Chlorophenol	1.253	1.324		5.7	
2-Methylphenol	0.997	1.056		5.9	
2,2-oxybis(1-Chloropropane)	2.374	2.549		7.4	
Acetophenone	0.429	0.434		1.2	
3+4-Methylphenols	1.175	1.224		4.2	
n-Nitroso-di-n-propylamine	0.953	0.975	0.050	2.3	
Nitrobenzene-d5	0.346	0.362		4.6	
Hexachloroethane	0.515	0.540		4.9	
Nitrobenzene	0.376	0.391		4.0	
Isophorone	0.655	0.679		3.7	
2-Nitrophenol	0.186	0.202		8.6	20.0
2,4-Dimethylphenol	0.279	0.291		4.3	
bis(2-Chloroethoxy)methane	0.409	0.424		3.7	
2,4-Dichlorophenol	0.322	0.334		3.7	20.0
Naphthalene	0.951	0.964		1.4	
4-Chloroaniline	0.347	0.363		4.6	
Hexachlorobutadiene	0.249	0.251		0.8	20.0
Caprolactam	0.088	0.092		4.5	
4-Chloro-3-methylphenol	0.288	0.303		5.2	20.0
2-Methylnaphthalene	0.636	0.635		-0.2	
Hexachlorocyclopentadiene	0.195	0.295	0.050	51.3	
2,4,6-Trichlorophenol	0.446	0.457		2.5	20.0
2-Fluorobiphenyl	1.354	1.327		-2.0	
2,4,5-Trichlorophenol	0.481	0.480		-0.2	
1,1-Biphenyl	1.396	1.417		1.5	
2-Chloronaphthalene	1.191	1.193		0.2	
2-Nitroaniline	0.344	0.381		10.8	
Dimethylphthalate	1.325	1.363		2.9	
Acenaphthylene	1.623	1.644		1.3	
2,6-Dinitrotoluene	0.268	0.291		8.6	
3-Nitroaniline	0.293	0.319		8.9	
Acenaphthene	1.085	1.166		7.5	20.0
2,4-Dinitrophenol	0.162	0.249	0.050	53.7	
4-Nitrophenol	0.212	0.206	0.050	-2.8	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.520	1.540		1.3	
2,4-Dinitrotoluene	0.359	0.390		8.6	
Diethylphthalate	1.221	1.251		2.5	
4-Chlorophenyl-phenylether	0.658	0.647		-1.7	
Fluorene	1.156	1.154		-0.2	
4-Nitroaniline	0.279	0.290		3.9	
4,6-Dinitro-2-methylphenol	0.136	0.142		4.4	
n-Nitrosodiphenylamine	0.643	0.669		4.0	20.0
2,4,6-Tribromophenol	0.251	0.249		-0.8	
4-Bromophenyl-phenylether	0.255	0.263		3.1	
Hexachlorobenzene	0.301	0.300		-0.3	
Atrazine	0.205	0.190		-7.3	
Pentachlorophenol	0.150	0.146		-2.7	20.0
Phenanthrene	0.996	1.007		1.1	
Anthracene	1.013	1.027		1.4	
Carbazole	0.861	0.857		-0.5	
Di-n-butylphthalate	1.041	0.988		-5.1	
Fluoranthene	1.029	0.976		-5.2	20.0
Pyrene	1.613	1.773		9.9	
Terphenyl-d14	1.259	1.311		4.1	
Butylbenzylphthalate	0.559	0.572		2.3	
3,3-Dichlorobenzidine	0.475	0.477		0.4	
Benzo(a)anthracene	1.386	1.424		2.7	
Chrysene	1.280	1.371		7.1	
Bis(2-ethylhexyl)phthalate	0.765	0.734		-4.1	
Di-n-octyl phthalate	1.320	1.279		-3.1	20.0
Benzo(b)fluoranthene	1.137	1.144		0.6	
Benzo(k)fluoranthene	1.064	1.069		0.5	
Benzo(a)pyrene	1.049	1.055		0.6	20.0
Indeno(1,2,3-cd)pyrene	1.436	1.481		3.1	
Dibenzo(a,h)anthracene	1.153	1.199		4.0	
Benzo(g,h,i)perylene	1.139	1.197		5.1	
1,2,4,5-Tetrachlorobenzene	0.655	0.656		0.2	
1,4-Dioxane	0.528	0.556		5.3	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.352		3.5	

All other compounds must meet a minimum RRF of 0.010.