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

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI01

Lab Code: ACE SDG No.: Q3719

Instrument ID: BNA_F Calibration Date/Time: 11/26/2025 13:30

Lab File ID: BF144358.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	1.275		-0.2	
Benzaldehyde	0.818	0.878		7.3	
Phenol-d6	1.448	1.387		-4.2	
Phenol	1.769	1.736		-1.9	20.0
bis(2-Chloroethyl)ether	1.289	1.314		1.9	
2-Chlorophenol	1.253	1.227		-2.1	
2-Methylphenol	0.997	0.994		-0.3	
2,2-oxybis(1-Chloropropane)	2.374	2.427		2.2	
Acetophenone	0.429	0.417		-2.8	
3+4-Methylphenols	1.175	1.113		-5.3	
n-Nitroso-di-n-propylamine	0.953	0.878	0.050	-7.9	
Nitrobenzene-d5	0.346	0.346		0.0	
Hexachloroethane	0.515	0.493		-4.3	
Nitrobenzene	0.376	0.374		-0.5	
Isophorone	0.655	0.663		1.2	
2-Nitrophenol	0.186	0.198		6.5	20.0
2,4-Dimethylphenol	0.279	0.283		1.4	
bis(2-Chloroethoxy)methane	0.409	0.426		4.2	
2,4-Dichlorophenol	0.322	0.322		0.0	20.0
Naphthalene	0.951	0.951		0.0	
4-Chloroaniline	0.347	0.359		3.5	
Hexachlorobutadiene	0.249	0.230		-7.6	20.0
Caprolactam	0.088	0.094		6.8	
4-Chloro-3-methylphenol	0.288	0.295		2.4	20.0
2-Methylnaphthalene	0.636	0.643		1.1	
Hexachlorocyclopentadiene	0.195	0.174	0.050	-10.8	
2,4,6-Trichlorophenol	0.446	0.435		-2.5	20.0
2-Fluorobiphenyl	1.354	1.265		-6.6	
2,4,5-Trichlorophenol	0.481	0.457		-5.0	
1,1-Biphenyl	1.396	1.350		-3.3	
2-Chloronaphthalene	1.191	1.157		-2.9	
2-Nitroaniline	0.344	0.347		0.9	
Dimethylphthalate	1.325	1.353		2.1	
Acenaphthylene	1.623	1.633		0.6	
2,6-Dinitrotoluene	0.268	0.277		3.4	
3-Nitroaniline	0.293	0.310		5.8	
Acenaphthene	1.085	1.003		-7.6	20.0
2,4-Dinitrophenol	0.162	0.185	0.050	14.2	
4-Nitrophenol	0.212	0.202	0.050	-4.7	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.520	1.493		-1.8	
2,4-Dinitrotoluene	0.359	0.375		4.5	
Diethylphthalate	1.221	1.264		3.5	
4-Chlorophenyl-phenylether	0.658	0.634		-3.6	
Fluorene	1.156	1.157		0.1	
4-Nitroaniline	0.279	0.289		3.6	
4,6-Dinitro-2-methylphenol	0.136	0.122		-10.3	
n-Nitrosodiphenylamine	0.643	0.634		-1.4	20.0
2,4,6-Tribromophenol	0.251	0.239		-4.8	
4-Bromophenyl-phenylether	0.255	0.239		-6.3	
Hexachlorobenzene	0.301	0.275		-8.6	
Atrazine	0.205	0.195		-4.9	
Pentachlorophenol	0.150	0.146		-2.7	20.0
Phenanthrene	0.996	0.978		-1.8	
Anthracene	1.013	1.014		0.1	
Carbazole	0.861	0.847		-1.6	
Di-n-butylphthalate	1.041	1.117		7.3	
Fluoranthene	1.029	0.987		-4.1	20.0
Pyrene	1.613	1.676		3.9	
Terphenyl-d14	1.259	1.262		0.2	
Butylbenzylphthalate	0.559	0.635		13.6	
3,3-Dichlorobenzidine	0.475	0.485		2.1	
Benzo(a)anthracene	1.386	1.411		1.8	
Chrysene	1.280	1.361		6.3	
Bis(2-ethylhexyl)phthalate	0.765	0.880		15.0	
Di-n-octyl phthalate	1.320	1.540		16.7	20.0
Benzo(b)fluoranthene	1.137	1.103		-3.0	
Benzo(k)fluoranthene	1.064	1.092		2.6	
Benzo(a)pyrene	1.049	1.056		0.7	20.0
Indeno(1,2,3-cd)pyrene	1.436	1.361		-5.2	
Dibenzo(a,h)anthracene	1.153	1.094		-5.1	
Benzo(g,h,i)perylene	1.139	1.080		-5.2	
1,2,4,5-Tetrachlorobenzene	0.655	0.616		-6.0	
1,4-Dioxane	0.528	0.543		2.8	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.336		-1.2	

All other compounds must meet a minimum RRF of 0.010.