

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>TETR16</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3839</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>12/15/2025 11:13</u>
Lab File ID:	<u>BF144466.D</u>	Init. Calib. Date(s):	<u>12/12/2025 12/12/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>11:26 15:28</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18 (mm)</u>

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.326	1.308		-1.4	
Benzaldehyde	1.295	1.313		1.4	
Phenol-d6	1.654	1.611		-2.6	
Phenol	1.953	1.923		-1.5	20.0
bis(2-Chloroethyl)ether	1.427	1.383		-3.1	
2-Chlorophenol	1.422	1.458		2.5	
2-Methylphenol	1.199	1.182		-1.4	
2,2-oxybis(1-Chloropropane)	2.409	2.222		-7.8	
Acetophenone	0.496	0.473		-4.6	
3+4-Methylphenols	1.473	1.457		-1.1	
n-Nitroso-di-n-propylamine	1.045	0.998	0.050	-4.5	
Nitrobenzene-d5	0.320	0.358		11.9	
Hexachloroethane	0.536	0.547		2.1	
Nitrobenzene	0.347	0.379		9.2	
Isophorone	0.721	0.685		-5.0	
2-Nitrophenol	0.126	0.166		31.7	20.0
2,4-Dimethylphenol	0.344	0.343		-0.3	
bis(2-Chloroethoxy)methane	0.444	0.429		-3.4	
2,4-Dichlorophenol	0.286	0.296		3.5	20.0
4-Chloroaniline	0.433	0.416		-3.9	
Hexachlorobutadiene	0.192	0.190		-1.0	20.0
Caprolactam	0.094	0.092		-2.1	
4-Chloro-3-methylphenol	0.310	0.311		0.3	20.0
Hexachlorocyclopentadiene	0.337	0.360	0.050	6.8	
2,4,6-Trichlorophenol	0.361	0.389		7.8	20.0
2-Fluorobiphenyl	1.304	1.238		-5.1	
2,4,5-Trichlorophenol	0.379	0.392		3.4	
1,1-Biphenyl	1.563	1.521		-2.7	
2-Chloronaphthalene	1.193	1.159		-2.8	
2-Nitroaniline	0.289	0.341		18.0	
Dimethylphthalate	1.351	1.316		-2.6	
2,6-Dinitrotoluene	0.206	0.259		25.7	
3-Nitroaniline	0.264	0.304		15.2	
2,4-Dinitrophenol	0.086	0.102	0.050	18.6	
4-Nitrophenol	0.230	0.249	0.050	8.3	
Dibenzofuran	1.677	1.612		-3.9	
2,4-Dinitrotoluene	0.281	0.353		25.6	
Diethylphthalate	1.280	1.244		-2.8	
4-Chlorophenyl-phenylether	0.623	0.598		-4.0	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
4-Nitroaniline	0.267	0.292		9.4	
4,6-Dinitro-2-methylphenol	0.079	0.094		19.0	
n-Nitrosodiphenylamine	0.685	0.673		-1.8	20.0
2,4,6-Tribromophenol	0.181	0.201		11.1	
4-Bromophenyl-phenylether	0.233	0.233		0.0	
Hexachlorobenzene	0.258	0.254		-1.5	
Atrazine	0.215	0.214		-0.5	
Carbazole	1.013	0.966		-4.6	
Di-n-butylphthalate	1.083	1.080		-0.3	
Terphenyl-d14	1.267	1.251		-1.3	
Butylbenzylphthalate	0.522	0.588		12.6	
3,3-Dichlorobenzidine	0.399	0.393		-1.5	
Di-n-octyl phthalate	0.951	1.107		16.4	20.0
1,2,4,5-Tetrachlorobenzene	0.569	0.558		-1.9	
2,3,4,6-Tetrachlorophenol	0.288	0.316		9.7	

All other compounds must meet a minimum RRF of 0.010.